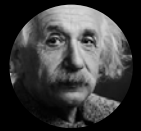


Televes®

QUICK PRODUCT GUIDE 2020



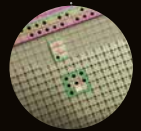
ALBERT EINSTEIN **IQ: 190**
Developer of the theory of relativity



MARIE CURIE **IQ: 200**
Pioneer in the field of radioactivity



WILLIAM JAMES SIDIS **IQ: 300**
At age 8, he spoke 8 languages
At age 40, he spoke 40 languages



INTELLIGENT ANTENNA
WITH TFORCE TECHNOLOGY

Ellipse[®]

INTELLIGENCE TAKEN TO THE LIMIT

A new concept of DTT antenna that eliminates any interference even
in the limits of the TV band,
combining a break-through design in a 100% stainless mechanical
frame that houses the new generation of TForce electronics,
featuring a revolutionary SAW filter.

www.ellipse.televes.com

Televes[®]

[in](#) [o](#) [f](#) [t](#)
www.televes.com | www.televescorporation.com



TERMS AND CONDITIONS OF SALE 4

TV DISTRIBUTION

1 TERRESTRIAL ANTENNAS 6
 Intelligent BOSS antennas 6
 Passive antennas 8
 Extended 4G Coverage 8
 Masts & supports 9
 Steel wires 9

2 SATELLITE ANTENNAS 10
 QSD Series (*Quality Satellite Dishes*) 10
 ISD Series (*Inox Satellite Dishes*) 10
 Satellite dishes 10
 LNBs 11
 Brackets & fixing accessories 11

3 TOWERS 12
 Pack Tower 12
 180 SE Tower 12
 180 Tower 12
 Q1500 Tower (*Stainless steel*) 12
 360 Tower 13
 450 Tower 13
 550 Tower 14
 450XL Reinforced Tower 14
 550XL Reinforced Tower 14

4 FILTERS & COMBINERS 15
 LTE Filters 15
 Combiners 15

5 AMPLIFICATION 16
 Mast amplification 16
 MATV domestic amplifiers (47...694/790/862MHz) 17
 SMATV domestic amplifiers (47...2150MHz) 17
 CATV domestic amplifiers (5...862MHz) 17
 Sky pass amplifiers 17
 Launch amplifiers: MiniKom "EasyF" Series 18
 Launch amplifiers: MiniKom "F" Series 18
 Launch amplifiers: DTKom Series 19
 Amplifiers: MicroKom Series 19
 Programmable Amplification: Avant Series 20
 T12 Series 21

6 PROCESSING HEADENDS 22
 T.OX Series 22
 Wall mount 23
 Modulator + Encoders (Rack mount) 23
 T05 Series 24

7 FIBER OPTICS 25
 T.OX Series 25
 19" Rack format 26
 Standalone format 26
 F.O. Distribution (Optical nodes) 26
 F.O. Distribution 27
 F.O. Cables (ITU-T G657A2) 28
 Accessories 28

8 FIBER OPTICS (OPTICAL LNB) 29
 F.O. Distribution (Optical LNB) 29

9 MULTISWITCHES 30
 NevoSwitch Series: Stand alone & Cascade multiswitches 30
 EasySwitch Series 31
 Cabinets 31

10 DISTRIBUTION 32
 Splitters with "EasyF" connector 32
 Splitters with "F" connector 32
 Splitters with 5/8" connector (outdoor) 33
 Taps with "EasyF" connector 33
 Taps with "F" connector 33
 Taps with "F" tap ports & 5/8" 34
 In/Out ports connectors (outdoor) 34
 Outlets 35
 Connectors 36

11 COAXIAL CABLE 37
 Coaxial cables 37
 Underground cables 38
 Microcable 38
 Accessories 38

12 DATA ENCLOSURES AND CABLES 40
 Racks, enclosures and UAP 40
 Data cables 41
 Data connectors 41

13 SET TOP BOXES & HOME ACCESSORIES 42
 DTH STBs 42
 Modulators 42
 Audio/Video & IR transmission 42
 IR over RF transmission 42
 IR over coaxial cable transmission 42

14 MEASURING EQUIPMENT 43
 Field strength meters 43
 Fiber optic tools 45
 Signal generators 45

15 DO IT YOURSELF 46
 Antennas 46
 LNBs 46
 Home accessories 46
 Digital receivers 46
 LTE filters 47
 Modulators 47
 Terrestrial amplification kits 47
 Power supply units 47
 Domestic amplifiers 47
 Attenuators 47
 Combiners 47
 Splitters 47
 Outlets 48
 Coaxial 48
 Fiber optics connection 49
 Audio/Video connection 49
 Mast accessories 49

HOSPITALITY

16 DATA TECHNOLOGY 51
 Network electronics 51
 CoaxData Series 51
 FibreData Solutions:
 GPON (*Gigabit-capable Passive Optical Networks*) 52
 WIFI Access Point 53

17 ARANTIA TV 54

18 ARANTIA CAST 56

19 ARANTIA DS 57

CORRELATIVE 59
 COMMERCIAL NETWORK 66

COMMERCIAL NETWORK



★ New

P Pack

TBC To Be Consulted

TFORCE TForce Technology

Integrated protection against LTE:

L790 Channel 60 filtering (790MHz)

L700 Channel 48 filtering (694MHz)

AUTO L7E Channel 48/60 filtering (automatic switching)

Identifying colour in product

O Orange	G Grey
W White	Gr Graphite
R Red	B Black
Rb Red-brick	V Violet

Packaging type for coaxial cable

O Plastic reel

C Cardboard reel

D Wooden drum

Co Plastified coil

Dimensions: xyz
(width x height x depth)

TELEVES MIDDLE EAST FZE

P.O. Box 17199
Jebel Ali Free Zone Dubai
(UNITED ARAB EMIRATES)

24° 57' 39.7548" N, 55° 3' 48.8232" E

T. (+971) 4 88 343 44
F. (+971) 4 88 346 44
telesves.me@telesves.com

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- 1 All prices are per unit (or meter when applicable).
- 2 All orders are subject to Televés Middle East FZE Terms and Conditions of sale.
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- 4 Invoicing errors must be notified within 20days from date of invoice.
- 5 Prices EXW Jebel Ali Free Zone.
- 6 Televés Middle East FZE reserves the right without prior notice to discontinue products or to make price and/or specification changes as part of its continuous programme of improvement, or to assist product availability.
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TV DISTRIBUTION

The distribution of radio communication services is the traditional core of our company.



TERRESTRIAL ANTENNAS

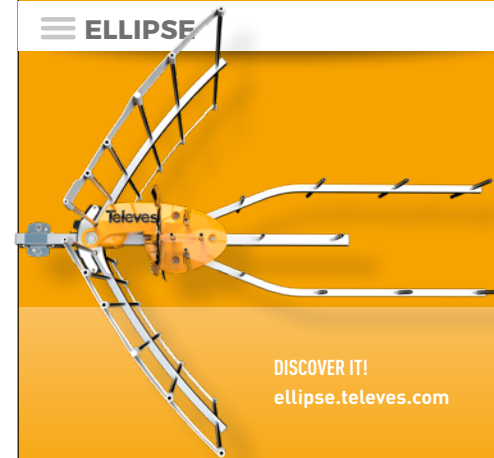
Ref.	Description		
INTELLIGENT BOSS ANTENNAS			
ELLIPSE SERIES - with TForce Technology TFORCE			
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included (Single Packing)	LTE700	1/4
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included, UK plug (Single Packing)	LTE700	1/4
148922	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included (Multiple Packing)	LTE700	8
★ 148920	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON (Multiple Packing)	LTE700	8
148905	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included (Single Packing)	LTE790	1/4
148902	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included (Multiple Packing)	LTE790	8
DAT SERIES - with TForce Technology TFORCE			
149421	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 8.5/16dBi BOSS OFF, G 36.5/41dBi BOSS ON (Single Packing)	LTE700	1
149422	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 8.5/16dBi BOSS OFF, G 36.5/41dBi BOSS ON (Multiple Packing)	LTE700	5
149441	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-60) G 8.5/16dBi BOSS OFF, G 36.5/44dBi BOSS ON (Single Packing)	LTE790	1
149442	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-60) G 8.5/16dBi BOSS OFF, G 36.5/44dBi BOSS ON (Multiple Packing)	LTE790	5
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single Packing)	LTE700	1
149922	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Multiple Packing)	LTE700	6
149941	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Single Packing)	LTE790	1/5
149942	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Multiple Packing)	LTE790	6
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	LTE700	1
149740	DAT BOSS LR Terrestrial Antenna UHF (Ch21-60) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	LTE790	1
NOVA SERIES (SPECIAL ANTENNAS) - with TForce Technology TFORCE			
144021	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON	LTE700	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	LTE700	1
144011	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON	LTE790	1
144012	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	LTE790	1
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	LTE700	1
144442	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-60) G 17/16/25/25dBi BOSS ON (Kit with accessories)	LTE790	1
NOVA SERIES (SPECIAL ANTENNAS) LTE790			
144501	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF G -2/10/22dBi BOSS ON (Kit with accessories)		1
TV MOTION SYSTEM - DTT ON THE MOVE LTE790			
144740	TRINOVA BOSS Terrestrial Antenna UHF G 25dBi (for Ref. 512501)		1
512501	TRIMOTION Digital Terrestrial Set-top Box (for Ref. 144740)		1



▶ DINOVA BOSS



▶ OMNINOVA BOSS



DISCOVER IT!
ellipse.televes.com

INTELLIGENCE TAKEN TO THE LIMIT

A new concept in DTT antenna that eliminates any interference even in limit of the TV band, combining break-through design and the new generation of TForce with SAW filtering in a 100% stainless mechanical frame.



PSU included: intelligence is activated when the antenna is powered.



Look for the TForce mark in you intelligent antenna to guarantee the best quality reception.



TForce increases the coverage of a TDT antenna, amplifying almost imperceptible signals and remaining inalterable for very strong signals.



▶ DAT BOSS LR



▶ CAMPNOVA BOSS



Ask us about our KITS with antenna and PSU.

TERRESTRIAL ANTENNAS

Ref.	Description			
INTELLIGENT BOSS ANTENNAS				
INDOOR SERIES - with TForce Technology				
★ 130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	LTE700	B	1
★ 130101	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (EU plug)	LTE790	B	1
★ 130102	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (UK plug)	LTE790	B	1
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	LTE700	B	1
130240	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 20dBi (USB-microUSB cable included, for 5V powering)	LTE790	B	1
INTELLIGENCE ACTIVATION ACCESSORIES (BOSS Tech)				
5605	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...862MHz G 12/20dB Vo 105dBμV AGC + Preamplifier Powering 12V-150mA			1/10
545720	Domestic Amplifier 1i/(2o+TV) "IEC": 47...694MHz G 20dB Vs 110dBμV + Output TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700		8
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/782MHz G 20dB Vo 101dBμV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA (Blister T1)	AUTO LTE		8
★ 545802	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/790MHz G 20dB Vo 101dBμV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTO LTE		8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/782MHz G 20dB Vo 101dBμV w/USOS + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA	AUTO LTE		1
5795	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...862MHz 24V-130mA			1/10
5504	Domestic Power Supply Unit 1i/2o "F" 5...862MHz 24V-130mA			1
5796	PicoKom Domestic Power Supply Unit 1i/1o "EasyF" SATmix: 5...2400MHz 12V-220mA			1/10
5501	Domestic Power Supply Unit 1i/2o "F" 5...862MHz 12V-220mA (UK plug)			1
PROTECTION ACCESSORIES				
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz			1/20



BEXIA

Outdoor performance, indoors

BEXIA is a DVB-T / T2 indoor antenna with a clean and sleek design, with technology used to achieve the performance of an outdoor antenna. BEXIA does not have to be aligned to the signal, and also impresses with a certain power consumption.



What you need to know to choose the right NOVA special antenna?

	ANTENNA	RECEPTION TYPE	INSTALLATION RECOMMENDED FOR	HIGHLIGHT
	INNOVA	STATIC	Emblematic buildings, Facades, Balconies	■ Low visual impact.
	CAMPNOVA	STATIC (Long term stay)	Caravans (Campings)	■ Low visual impact. ■ Mounting optimized to be installed in a caravan.
	OMNINOVA	STATIC (Short term stay)	Caravans & Ships	■ No need to be oriented.
	TRINOVA	IN MOTION	Caravans, Ships & Buses	■ Low visual impact. ■ No need to be oriented. ■ It is part of the complete system TVMotion (antenna+receptor) which is able to receive signals in all the directions and always choose the best one.
	4GNOVA	STATIC	Housing	■ Low visual impact. ■ Reception of LTE 4G signals to extend the telephone coverage.

TERRESTRIAL ANTENNAS

Ref.	Description		
PASSIVE ANTENNAS			
FM			
1201	FM Terrestrial Antenna 88...108MHz Circular G 1dBi		1/5
VHF, BAND III & DAB			
1050	BIII/DAB Terrestrial Antenna 174...240MHz 3 Elements G 8dBi (Single Packing)		1
105001	BIII/DAB Terrestrial Antenna 174...240MHz 3 Elements G 8dBi (Multiple Packing)		5
106501	BIII Terrestrial Antenna (Ch5-12) 7 Elements G 9.5dBi (Single Packing)		1
106601	V BIII Terrestrial Antenna (Ch5-12) 10 Elements G 9dBi (Single Packing)		1/6
COMBINED VHF/ UHF (MIX)			
149321	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-48) G 8.5/13dBi (Single Packing)	LTE700	1
149301	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-58/59/60 Configurable bandwidth) G 8.5/15dBi (Single Packing)	LTE790	1
149302	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-58/59/60 Configurable bandwidth) G 8.5/15dBi (Multiple Packing)	LTE790	10
UHF			
802440	Yagi Terrestrial Antenna UHF (Ch21-60) 10 Elements G 8.5dBi	LTE790	15
802441	Yagi Terrestrial Antenna UHF (Ch21-60) 10 Elements G 8.5dBi Black	LTE790	15
111942	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Single Packing)	LTE790	1
111940	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Multiple Packing)	LTE790	15
111941	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi Black (Multiple Packing)	LTE790	15
★ 112120	L 700 Terrestrial Antenna UHF (Ch21-48) 18 Elements G 13dBi	LTE700	6
★ 112121	L 700 Terrestrial Antenna UHF (Ch21-48) 18 Elements G 13dBi Black	LTE700	6
112140	L 790 Terrestrial Antenna UHF (Ch21-60) 18 Elements G 13dBi	LTE790	6
112141	L 790 Terrestrial Antenna UHF (Ch21-60) 18 Elements G 13dBi Black	LTE790	6
149221	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 13dBi (Single packing)	LTE700	1/6
149222	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 13dBi (Multiple packing)	LTE700	10
149201	V ZENIT Terrestrial Antenna UHF (Ch21-58/59/60 Configurable bandwidth) G 15dBi (Single Packing)	LTE790	1/6
149202	V ZENIT Terrestrial Antenna UHF (Ch21-58/59/60 Configurable bandwidth) G 15dBi (Multiple Packing)	LTE790	10
108320	Panel Terrestrial Antenna UHF(Ch21-60) 4 Dipoles G 13dBi	LTE700	1
108341	Panel Terrestrial Antenna UHF(Ch21-60) 4 Dipoles G 14dBi Black	LTE790	1
EXTENDED 4G COVERAGE			
650101	4GNOVA Antenna 4G/LTE 698...960/1700...2700MHz G 7dBi (0.7m Female "N")	W	1
650102	4GNOVA Antenna 4G/LTE 698...960/1700...2700MHz G 7dBi (7.5m Male "SMA")	W	1
★ 650302	Kit: 2x 4G/LTE MIMO Antenna "SMA" 698...960/1700...2700MHz G 1/4dBi	B	1



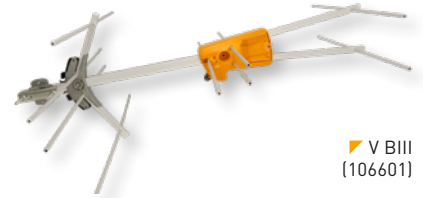
Ask us about our KITS with antenna and PSU.



▲ 4GNOVA



▼ FM



▼ V BIII (106601)



▼ Yagi Edge (111940 & 111942)



▼ L 790 (112140)



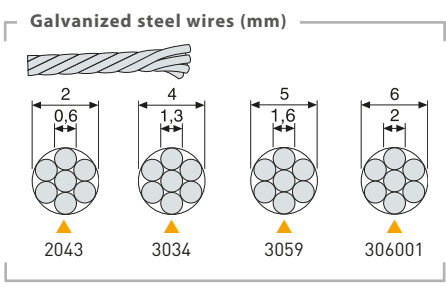
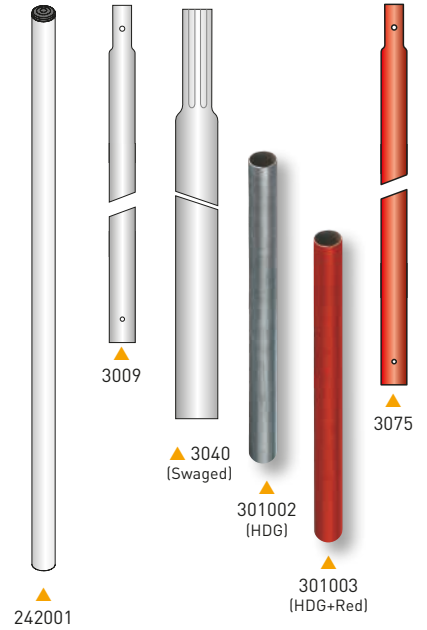
▲ V ZENIT



▲ V ZENIT MIX

TERRESTRIAL ANTENNAS

Ref.	Description		
MASTS & SUPPORTS			
ZINC+RCP MASTS			
3040	Swaged Mast Zinc+RCP 1.5m x Ø 40mm x Thickness 1.25mm	G	6
3041	Swaged Mast Zinc+RCP 2m x Ø 40mm x Thickness 1.25mm	G	4
242001	Mast Zinc+RCP 1m x Ø 35mm x Thickness 1mm	G	6
2407	Mast Zinc+RCP 1.45m x Ø 35mm x Thickness 1.5mm	G	8
3008	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1.5mm	G	6
3042	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1mm	G	6
3009	Mast Zinc+RCP 2.5m x Ø 40mm x Thickness 2mm	G	4
3072	Mast Zinc+RCP 3m x Ø 40mm x Thickness 2mm	G	4
3010	Mast Zinc+RCP 3m x Ø 45mm x Thickness 2mm	G	4
HOT-DIP GALVANIZED MASTS			
301002	Mast HDG 3m x Ø 45mm x Thickness 2mm	G	4
301003	Mast HDG+Red 3m x Ø 45mm x Thickness 2mm	R	1
ZINC+COLOUR MASTS			
307502	Mast Zinc+White 2m x Ø 45mm x Thickness 2mm	W	4
3075	Mast Zinc+Red 3m x Ø 45mm x Thickness 2mm	R	4
CLAMPS			
2117	Mast Clamp Zinc+RCP for Window 586x300mm x Ø30mm	G	1
SUPPORTS FOR CHIMNEY			
2414	Tubular Mast Bracket Zinc+RCP for Chimney 415x345mm x Ø 30mm	G	1
2415	Reinforced Mast Bracket Zinc+RCP for Chimney 396x400mm	G	1
SUPPORTS FOR BOLTING			
2401	"L" Mast Bracket Zinc+RCP for Bolting 300mm	G	10
2403	"W" Mast Bracket Zinc+RCP for Bolting 250mm	G	10
2404	"U" Mast Bracket Zinc+RCP for Bolting 500mm	G	6
240410	"U" Mast Bracket Zinc+RCP for Bolting 300mm	G	6
2409	Angled Mast Bracket Zinc+RCP for Bolting 128mm	G	10
SUPPORTS FOR EMBEDDING			
2405	"I" Mast Bracket Zinc+RCP for Embedding 350mm	G	6
2406	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 500mm	G	6
2410	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 250mm	G	10
ACCESSORIES			
2047	Jaw Clamp Zinc+RCP for Masts Up Ø 25...45mm	G	10
2408	Saddle & Clamp Zinc+RCP for Guy Wire, Inner Ø 46mm	G	10
2412	Corner Piece Zinc+RCP for Chimney	G	10
2413	Mast Clamp Zinc+RCP Ø 35mm	G	6
CABLE CLIPS			
2000	Opened Clip for Coaxial Cable (100 units)		1/10
2011	Closed Clip for Coaxial Cable (100 units)		1/20
STEEL WIRES			
2043	Galvanized Steel Wire Ø 2mm		100
3034	Galvanized Steel Wire Ø 4mm		100
3059	Galvanized Steel Wire Ø 5mm		100
306001	Galvanized Steel Wire Ø 6mm		200



SATELLITE ANTENNAS

Ref.	Description		
QSD SERIES (Quality Satellite Dishes)			
ALUMINIUM OFFSET DISHES			
7902	QSD High Quality Offset Dish 75 Aluminium G 38.5dBi (750x850mm) Orange	⊙	1
790204	QSD High Quality Offset Dish 75 Aluminium G 38.5dBi (750x850mm) White	⊙	1
7903	QSD High Quality Offset Dish 85 Aluminium G 39.5dBi (850x950mm) Orange	⊙	1
790304	QSD High Quality Offset Dish 85 Aluminium G 39.5dBi (850x950mm) White	⊙	1
ISD SERIES (INOX SATELLITE DISHES)			
ALUMINIUM OFFSET DISHES			
793001	ISD Offset Dish 630 Aluminium G 36.2dBi Orange	⊙	1
793002	ISD Offset Dish 630 Aluminium G 36.2dBi White	⊙	1
793003	ISD Offset Dish 630 Aluminium G 36.2dBi Graphite	Gr	1
793004	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick	Rb	1
793011	ISD Offset Dish 630 Aluminium G 36.2dBi Orange (Multiple packing)	⊙	10
793012	ISD Offset Dish 630 Aluminium G 36.2dBi White (Multiple packing)	⊙	10
793013	ISD Offset Dish 630 Aluminium G 36.2dBi Graphite (Multiple packing)	Gr	10
793014	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick (Multiple packing)	Rb	10
793101	ISD Offset Dish 830 Aluminium G 39dBi Orange	⊙	1
793102	ISD Offset Dish 830 Aluminium G 39dBi White	⊙	1
793103	ISD Offset Dish 830 Aluminium G 39dBi Graphite	Gr	1
793104	ISD Offset Dish 830 Aluminium G 39dBi Red-brick	Rb	1
793111	ISD Offset Dish 830 Aluminium G 39dBi Orange (Multiple packing)	⊙	5
793112	ISD Offset Dish 830 Aluminium G 39dBi White (Multiple packing)	⊙	5
793113	ISD Offset Dish 830 Aluminium G 39dBi Graphite (Multiple packing)	Gr	5
793114	ISD Offset Dish 830 Aluminium G 39dBi Red-brick (Multiple packing)	Rb	5
SATELLITE DISHES			
ALUMINIUM OFFSET DISHES			
757401	Offset Dish 1300 Aluminium G 42dBi White (Multiple packing)	⊙	10

QSD SERIES



The long life alluminium dish, quality signal reception for life. TÜV approved (german certifying organization).

ISD SERIES



This new range of satellite dishes is built using aluminium and stainless steel to guarantee the protection against rust.

The bracket and LNB holder are built using a special polymer widely used in a highly professional sector, and reinforced with fiberglass for an extreme resistance.

Its improved structure has been designed to make assembly easier.



▲ 793004

▲ 793003

▲ 793002

Compatibility between supports & dishes

Ø Support	35	45		48	60		
Dishes	7393	7349	7371	719202	757602	7576	719201
ISD	✓	✓	✓	✓	✓	✓	✓
QSD	✗	✓	✓	✓	✓	✓	✓
Other typical sizes							
600	✓	✓	✓	✓	✗	✗	✗
800	✓	✓	✓	✓	✓	✓	✓
1000	✗	✗	✗	✓	✗	✓	✓
1100	✗	✗	✗	✗	✗	✓	✓
1300	✗	✗	✗	✗	✗	✓	✓



▼ 757401

SATELLITE ANTENNAS

Ref.	Description		
LNBs			
OFFSET			
7475	Offset LNB Single (Universal) Hh/Vh/HI/VI G 60dB	⊙	1/10
747701	Offset LNB Quattro Hh-Vh-HI-VI G 60dB	⊙	1/30
747802	Offset LNB Twin (2 Outputs Hh/Vh/HI/VI) G 60dB	⊙	1/30
761001	Offset LNB Quad (4 Outputs Hh/Vh/HI/VI) G 60dB	⊙	1/30
7613	Offset LNB Octo (8 Outputs Hh/Vh/HI/VI) G 60dB	⊙	1/30
7611	Offset LNB Monoblock (2 Universal LNBs) G 57dB Grey. 830 dishes only	G	1/30
OPTICAL FIBER			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	G	1
2363	P.F. Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm Grey	G	1
ACCESSORIES			
7450	Current Injector 10...2150MHz 1...24Vdc-1.5A		1/20
7485	Line Amplifier 1i/1o "F": UHF/SAT[dc] G -2.5/20dB Vo 112.5dBμV		1/10
7268	DiSEqC 2.0 Switch 2i/1o 0...2400MHz		1/10
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	G	1/5
BRACKETS & FIXING ACCESSORIES			
HOT-DIP GALVANIZED BRACKETS			
757602	"T" Bracket HDG Ground Mount 1000x200mm / Ø48mm x Thickness 2.9mm	G	1
GALVANIZED BRACKETS			
719201	"Y" Bracket Galvanized Wall/Ground Mount 551x439mm or 620x247mm / Ø 60mm x Thickness 1.5mm	G	5
719202	"Y" Bracket Galvanized Wall/Ground Mount 728x473mm or 720x481mm / Ø 45mm x Thickness 1.5mm	G	1
ZINC+RCP BRACKETS			
7393	"L" Bracket Zinc+RCP Wall Mount 284x194mm / Ø 35mm x Thickness 1.5mm	G	10
7349	"L" Bracket Zinc+RCP Wall Mount 380x350mm / Ø 45mm x Thickness 1.5mm	G	5
7371	"L" Bracket Zinc+RCP Wall Mount 500x450mm / Ø 45mm x Thickness 2mm	G	5
7576	"T" Bracket Zinc+RCP Ground Mount 750x200mm / Ø 60mm x Thickness 2.9mm	G	1
BASES			
7409	Embedded Base Zinc+RCP for Ref.7576 or 757602, Height 200mm	G	1
MULTISATELLITE SUPPORTS			
790901	Multi-feed Support Up to 4 SAT, QSD Dishes Includes: Rail (up to 20°) + 1 LNB Support (Ref.790902)		1/10
790902	LNB Support for QSD Dishes		1/10



▲ 7475 (SINGLE) ▲ 747802 (TWIN)



▲ 747701 (QUATTRO) ▲ 761001 (QUAD)



▲ 2353



▲ 7450



▲ 7485



▲ 7268



▲ 757602



▲ 7393

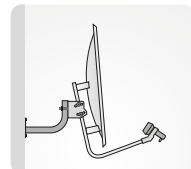


▲ 790901

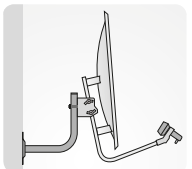
Galvanized brackets

Ref.	Wall mount (mm)	Ground mount (mm)
719201	551 x 439	620 x 247
719202	728 x 473	720 x 481

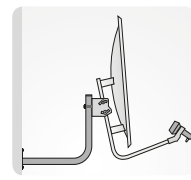
Wall Ground



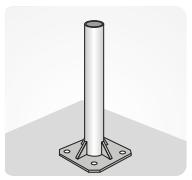
▲ 7393



▲ 7349



▲ 7371



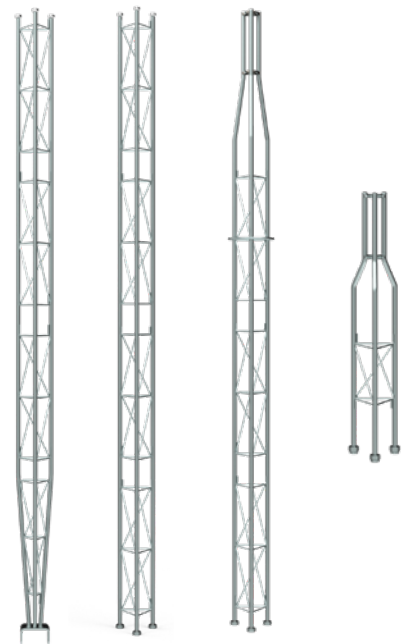
▲ 7576

TOWERS

Ref.	Description		
PACK TOWER			
COMPLETE TOWER			
306501	"Pack" Tower Galvanized+Orange 2.2m (Mast and Accessories included)		1
180 SE TOWER			
ZINC+RCP SECTIONS			
3014	Upper Section 180 SE Tower Zinc+RCP 1.25m (mast Ømax 35mm)		1
3015	Upper Section 180 SE Tower Zinc+RCP 2.5m, with Wire Ring (mast Ømax 35mm)		1
3017	Middle Section 180 SE Tower Zinc+ RCP 2.5m		1
ACCESSORIES			
3019	Fixed Embedded Base 180 SE Tower Zinc+RCP		1
3020	Fixed Bolting Base 180 SE Tower Zinc+RCP		1
180 TOWER			
ZINC+RCP SECTIONS			
3021	Upper Section 180 Tower Zinc+RCP 1m (mast Ømax 46mm)		1
3032	Upper Section 180 Tower Zinc+RCP 3m (mast Ømax 46mm)		1
3031	Middle Section 180 Tower Zinc+RCP 3m		1
3037	Lower Section Pivoting 180 Tower Zinc+RCP 3m		1
HOT-DIP GALVANIZED SECTIONS			
303201	Upper Section 180 Tower HDG 3m (mast Ømax 46mm)		1
303101	Middle Section 180 Tower HDG 3m		1
303701	Lower Section Pivoting 180 Tower HDG 3m		1
ACCESSORIES			
3058	Guy Wire Ring 180/360 Tower Zinc+RCP		20
305801	Guy Wire Ring 180/360 Tower HDG		20
3029	Embedded Frame 180 Tower Zinc+RCP for Fixed Base (Ref. 3038)		1
3038	Fixed Bolting/Embedded (with frame) Base 180 Tower Zinc+RCP		1
303801	Fixed Bolting/Embedded (with frame) Base 180 Tower HDG		1
3048	Pivoting Embedded Base 180 Tower Zinc+ RCP		1
304801	Pivoting Embedded Base 180 Tower HDG		1
305001	Structural Cube 180 Tower Zinc+RCP 200mm		1
3034	Galvanized Steel Wire Ø 4mm		100
Q1500 TOWER (STAINLESS STEEL)			
COMPLETE TOWER			
3049	Q1500 Tower Kit Stainless Steel 14.5m Stainless Steel Accessories included (Guy Wire at 1.5m)		1
304910	Q1500 Tower Bases Stainless Steel (1 tower base & 3 guy wire bases)		1



▲ Pack Tower (Ref. 306501)
Compatible with support Ref. 7349.



▲ 180 Sections



▶ 3048xx

Types of finishing



HDG

Hot-Dip Galvanized



HDG + Painting

Hot-Dip Galvanized + Lacquered in oven with electrostatic powder of polyester



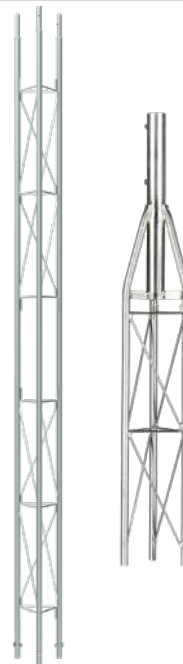
Zinc + RCP

Zinc plated + Reactive Coating Process



Zinc + Painting

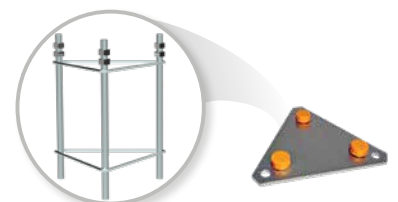
Zinc plated + Lacquered in oven with electrostatic powder of polyester



▲ 180 SE Tower



▲ Torre Q1500 (Stainless Steel)
(Ref. 3049 + Ref. 304910)

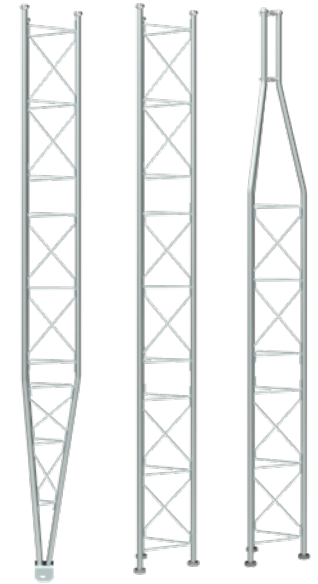


▲ 3029 (Frame)

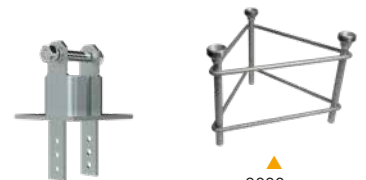
▲ 3038xx

TOWERS

Ref.	Description		
360 TOWER			
ZINC+RCP SECTIONS			
3085	Upper Section 360 Tower Zinc+RCP 3m (mast Ømax 52mm)	G	1
3087	Middle Section 360 Tower Zinc+RCP 3m	G	1
3086	Lower Section Pivoting 360 Tower Zinc+RCP 3m	G	1
ZINC+PAINTING SECTIONS			
308501	Upper Section 360 Tower Zinc+Red 3m (mast Ømax 52mm)	R	1
308502	Upper Section 360 Tower Zinc+White 3m (mast Ømax 52mm)	W	1
308701	Middle Section 360 Tower Zinc+Red 3m	R	1
308702	Middle Section 360 Tower Zinc+White 3m	W	1
308601	Lower Section Pivoting 360 Tower Zinc+Red 3m	R	1
308602	Lower Section Pivoting 360 Tower Zinc+White 3m	W	1
HOT-DIP GALVANIZED SECTIONS			
308503	Upper Section 360 Tower HDG 3m (mast Ømax 52mm)	G	1
308703	Middle Section 360 Tower HDG 3m	G	1
308603	Lower Section Pivoting 360 Tower HDG 3m	G	1
HOT-DIP GALVANIZED+PAINTING SECTIONS			
308504	Upper Section 360 Tower HDG+Red 3m (mast Ømax 52mm)	R	1
308704	Middle Section 360 Tower HDG+Red 3m	R	1
308705	Middle Section 360 Tower HDG+White 3m	W	1
308604	Lower Section Pivoting 360 Tower HDG+Red 3m	R	1
308605	Lower Section Pivoting 360 Tower HDG+White 3m	W	1
ACCESSORIES			
3088	Pivoting Embedded Base 360 Tower Zinc+RCP	G	1
308801	Pivoting Embedded Base 360 Tower HDG	G	1
3089	Fixed Embedded Base 360 Tower Zinc+RCP	G	1
308901	Fixed Embedded Base 360 Tower HDG	G	1
3058	Guy Wire Ring 180/360 Tower Zinc+RCP	G	20
305801	Guy Wire Ring 180/360 Tower HDG	G	20
3059	Galvanized Steel Wire Ø 5mm		100
450 TOWER			
ZINC+PAINTING SECTIONS			
3133	Upper Section 450 Tower Zinc+Red 3m (mast Ømax 62mm)	R	1
3131	Middle Section 450 Tower Zinc+Red 3m	R	1
313101	Middle Section 450 Tower Zinc+White 3m	W	1
3132	Middle Section Reinforced 450 Tower Zinc+Red 3m	R	1
313201	Middle Section Reinforced 450 Tower Zinc+White 3m	W	1
3130	Lower Section Pivoting Reinforced 450 Tower Zinc+Red 3m	R	1
HOT-DIP GALVANIZED+PAINTING SECTIONS			
313301	Upper Section 450 Tower HDG+Red 3m (mast Ømax 62mm)	R	1
313102	Middle Section 450 Tower HDG+Red 3m	R	1
313103	Middle Section 450 Tower HDG+White 3m	W	1
313202	Middle Section Reinforced 450 Tower HDG+Red 3m	R	1
313203	Middle Section Reinforced 450 Tower HDG+White 3m	W	1
313001	Lower Section Pivoting Reinforced 450 Tower HDG+Red 3m	R	1
ACCESSORIES			
3134	Pivoting Embedded/Bolting (with plate) Base 450 Tower Zinc+Red	R	1
313401	Pivoting Embedded/Bolting (with plate) Base 450 Tower HDG+Red	R	1
312901	Surface Plate 450/550 Tower for Pivoting Base (Refs. 3134xx & 3142/01) Zinc+RCP	G	1
313501	Fixed Embedded Base 450 Tower Zinc+RCP	G	1
313502	Fixed Embedded Base 450 Tower HDG	G	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	G	1
314401	Guy Wire Ring 450/550 Tower HDG	G	1
306001	Galvanized Steel Wire Ø 6mm		200

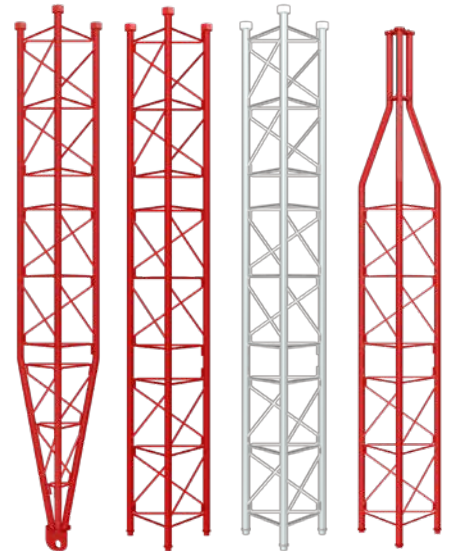


▲ 360 Sections

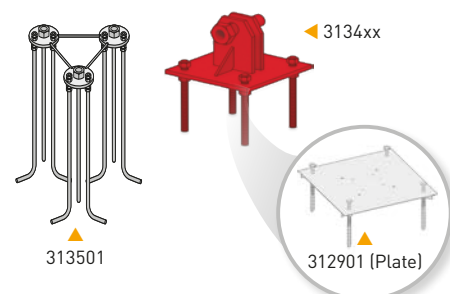


▲ 3088xx

▲ 3089xx



▲ 450 Sections



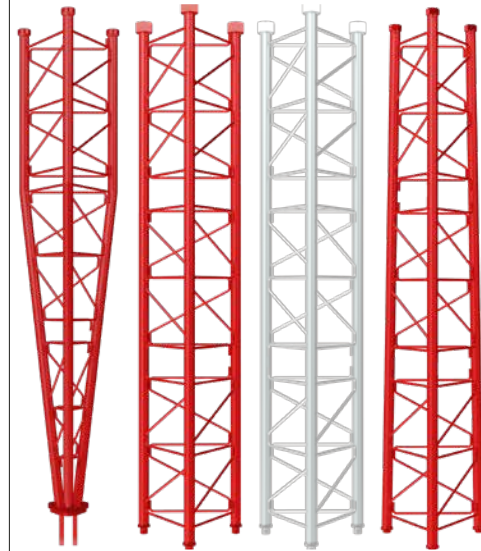
▲ 313501

▲ 3134xx

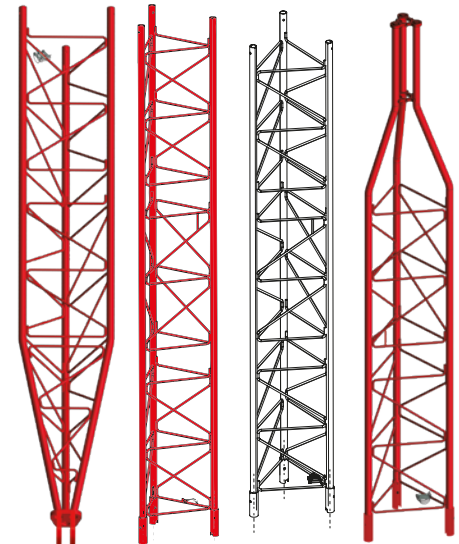
▲ 312901 [Plate]

TOWERS

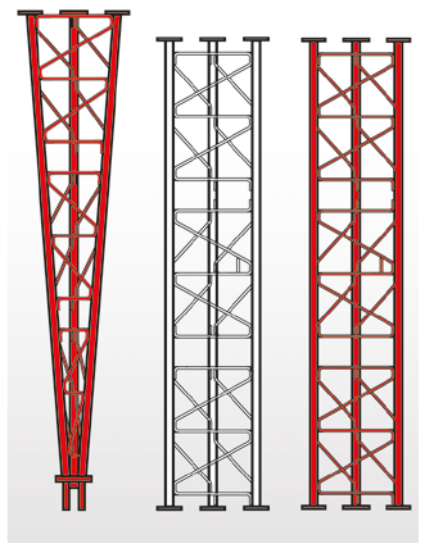
Ref.	Description		
550 TOWER			
ZINC+PAINTING SECTIONS			
3141	Transition Section 550 to 450 Tower Zinc+Red 3m	R	1
3140	Middle Section 550 Tower Zinc+Red 3m	R	1
314001	Middle Section 550 Tower Zinc+White 3m	W	1
313901	Lower Section Pivoting 550 Tower Zinc+Red 3m	R	1
HOT-DIP GALVANIZED+PAINTING SECTIONS			
314101	Transition Section 550 to 450 Tower HDG+Red 3m	R	1
314002	Middle Section 550 Tower HDG+Red 3m	W	1
314003	Middle Section 550 Tower HDG+White 3m	R	1
313902	Lower Section Pivoting 550 Tower HDG+Red 3m	R	1
ACCESSORIES			
3142	Pivoting Embedded/Bolting (with plate) Base 550 Tower Zinc+Red	R	1
314201	Pivoting Embedded/Bolting (with plate) Base 550 Tower HDG+Red	R	1
312901	Surface Plate 450/550 Tower for Pivoting Base (Refs. 3134xx & 3142/01) Zinc+RCP	G	1
3143	Fixed Embedded Base 550 Tower Zinc+RCP	G	1
314301	Fixed Embedded Base 550 Tower HDG	G	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	G	1
314401	Guy Wire Ring 450/550 Tower HDG	G	1
306001	Galvanized Steel Wire Ø 6mm		200
450XL - REINFORCED TOWER ⁽¹⁾			
313311	Upper Section 450XL Tower HDG+Red 3m (mast Ømax 62mm)	R	1
313112	Middle Section 450XL Tower HDG+Red 3m	R	1
313113	Middle Section 450XL Tower HDG+White 3m	W	1
313212	Middle Section Reinforced 450XL Tower HDG+Red 3m	R	1
313213	Middle Section Reinforced 450XL Tower HDG+White 3m	W	1
313011	Lower Section Pivoting Reinforced 450XL Tower HDG+Red 3m	R	1
ACCESSORIES			
313412	Pivoting Embedded/Bolting (with plate) Base 450XL Tower HDG+Red	R	1
312901	Surface Plate 450/550 Tower for Pivoting Base (Refs. 3134xx & 3142/01) Zinc+RCP	G	1
★ 314502	Buried Plate 450XL Tower with Guy Wire Ring HDG	G	1
550XL - REINFORCED TOWER ⁽¹⁾			
HOT-DIP GALVANIZED+PAINTING SECTIONS			
313810	Top Mast Holder 550XL Reinforced Tower HDG+Red 0.25m (mast Ømax 62mm)	R	1
314010	Middle Section 550XL Reinforced Tower HDG+Red 3m	R	1
314011	Middle Section 550XL Reinforced Tower HDG+White 3m	W	1
313911	Lower Section Pivoting 550XL Reinforced Tower HDG+Red 3m	R	1
ACCESSORIES			
314210	Pivoting Embedded Base 550XL Reinforced Tower HDG+Red	R	1
314401	Guy Wire Ring 450/550 Tower HDG	G	1



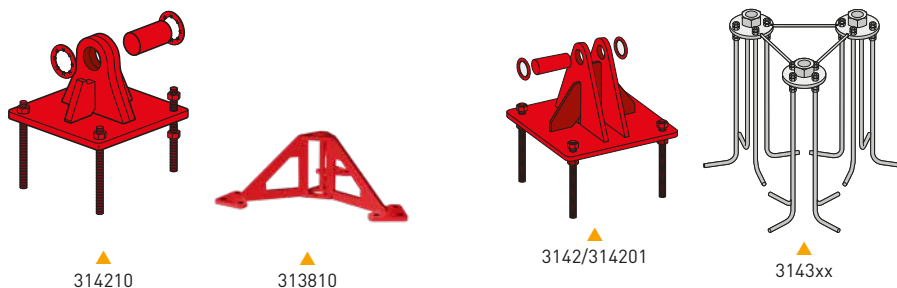
▲ 550 Sections



▲ 450XL Sections



▲ 550XL Sections - Reinforced



(1) Due to their assembly system, sections of these towers are not compatible with the rest of the tower range.

FILTERS & COMBINERS

Ref.	Description		
LTE FILTERS			
"EasyF" CONNECTOR			
405202	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch21-48) Outdoor	LTE700	1/10
★ 405203	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch21-48) Outdoor (DC Pass)	LTE700	1/10
405101	Medium Rejection LTE Filter (MR) "EasyF" 470...774MHz UHF (Ch21-58) Outdoor	LTE790	1/10
405402	High Rejection LTE Filter (HR) "EasyF" 47...782MHz VHF/UHF (Ch21-59) Outdoor	LTE790	1/10
405401	High Rejection LTE Filter (HR) "EasyF" 47...790MHz VHF/UHF (Ch21-60) Outdoor	LTE790	1/10
"F" CONNECTOR			
★ 403220	High Rejection LTE Filter (HR) "F" 47...694MHz VHF/UHF (Ch21-48) Indoor	LTE700	1/10
403201	Medium Rejection LTE Filter (MR) "F" 47...694MHz VHF/UHF (Ch21-48), Indoor (DC Pass)	LTE700	1/10
403101	Medium Rejection LTE Filter (MR) "F" 470...774MHz UHF (Ch21-58) Indoor	LTE790	1/10
403402	High Rejection LTE Filter (HR) "F" 47...782MHz VHF/UHF (Ch21-59) Indoor	LTE790	1/10
403401	High Rejection LTE Filter (HR) "F" 47...790MHz VHF/UHF (Ch21-60) Indoor	LTE790	1/10
403302	Very High Rejection LTE Microcavities Filter (VHR) "F" 5...782MHz VHF/UHF (Ch21-59) Selective, Indoor	LTE790	1/14
403301	Very High Rejection LTE Microcavities Filter (VHR) "F" 5...790MHz VHF/UHF (Ch21-60) Selective, Indoor	LTE790	1/14
403304	Ultra High Rejection LTE Microcavities Filter (VHR) "F" 5...782MHz VHF/UHF (Ch21-59) Selective, Indoor	LTE790	1/10
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	G	1/5
"IEC" CONNECTOR			
★ 403210	High Rejection LTE Filter (HR) "IEC" 47...694MHz VHF/UHF (Ch21-48) Indoor	LTE700	1/10
404411	Medium Rejection LTE Filter (MR) "IEC" 470...774MHz UHF (Ch21-58) Indoor (Bag B3)	LTE790	10
404401	High Rejection LTE Filter (HR) "IEC" 47...782MHz VHF/UHF (Ch21-59) Indoor	LTE790	10/50
404412	High Rejection LTE Filter (HR) "IEC" 47...790MHz VHF/UHF (Ch21-60) Indoor (Bag B3)	LTE790	10
COMBINERS LTE790			
TERRESTRIAL			
404010	Mast Triplexer 3i/1o "EasyF": BI/FM-BIII/DAB-UHF[dc]		1/10
404110	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF		1/10
TERRESTRIAL + 1 SATELLITE			
745210	Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]		1/10
745220	Mini-Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]		10
TERRESTRIAL + 2 SATELLITES			
740710	Double Combiner (47..790/950..2400MHz[dc]) 3i/2o "F": SAT1-MATV-SAT2 / SAT1+MATV-SAT2+MATV		1/10



LTE FILTERS

Attenuate the LTE/4G or LTE/5G signals passing through the antenna towards active devices susceptible of being affected by them.



**LTE ADAPTATION,
All solutions for all cases**

AMPLIFICATION

Ref.	Description		
MAST AMPLIFICATION			
NANOKOM SERIES			
561421	NanoKom Mast Amplifier 3i/1o "EasyF": UHF-UHF[dc]-SATmix[dc] G 28-28- (-2.5)dB Vo 108dB μ V 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561401	NanoKom Mast Amplifier 3i/1o "EasyF": UHF-UHF[dc]-SATmix[dc] G 28-28- (-2.5)dB Vo 108dB μ V 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561521	NanoKom Mast Amplifier 3i/1o "EasyF": BIII/UHF[dc]-FMmix-SATmix[dc] G 18/28- (-1.5) - (-2.5)dB Vo 106/108dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561501	NanoKom Mast Amplifier 3i/1o "EasyF": BIII/UHF[dc]-FMmix-SATmix[dc] G 18/28- (-1.5) - (-2.5)dB Vo 106/108dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561620	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 28- (-1.5) - (-2.5)dB Vo 109dB μ V w/USOS. 12...24V Powering (Automatic LTE Filter & Switchable DC Pass)	AUTO LTE	1/10
561621	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 24- (-1.5) - (-2.5)dB Vo 104dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561601	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 24- (-1.5) - (-2.5)dB Vo 104dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561721	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- (-1.5)dB Vo 108dB μ V 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561701	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- (-1.5)dB Vo 108dB μ V 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561821	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- (-1.5)dB Vo 106/108dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561801	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- (-1.5)dB Vo 106/108dB μ V w/USOS 12...24V Powering (Switchable DC Pass)	LTE790	1/10
HIGH GAIN - HIGH OUTPUT LEVEL - 24V POWERING			
LTE790			
535640	Mast Amplifier 1i/1o "EasyF": FM/BIII/DAB/UHF[dc] G 15/31/31/41dB Vo 116dB μ V 24V Pow. (Switchable DC Pass)		1/5
535740	Mast Amplifier 3i/1o "EasyF": FM-BIII/DAB-UHF[dc] G 15-32/32-42dB Vo 116dB μ V 24V Pow. (Switchable DC Pass)		1/5
535840	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-41-41dB Vo 116dB μ V 24V Pow. (Switchable DC Pass)		1/5
LOW GAIN - HIGH OUTPUT LEVEL - 12V POWERING			
LTE790			
536040	Mast Amplifier 2i/1o "EasyF": BIII/DAB[dc]-UHF[dc] G 26/26/26-26dB Vo 114 dB μ V 12V Pow. (Switchable DC Pass)		1/5
536041	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] G 26/26-26-26dB Vo 114 dB μ V 12V Pow. (Switchable DC Pass)		1/5
SAT-MIX SERIES: VARIABLE GAIN - LOW OUTPUT LEVEL - 12...24V POWERING			
5354	Mast Amplifier 2i/4o "EasyF": UHF/Vmix[dc]-SATmix[dc] G 20/(-9) - (-12)dB Vo 93dB μ V 12...24V Pow.		1/5
DOMESTIC POWER SUPPLY UNITS: PICOKOM SERIES			
5795	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...862MHz 24V-130mA		1/10
5796	PicoKom Domestic Power Supply Unit 1i/1o "EasyF" SATmix: 5...2500MHz 12V-220mA		1/10
DOMESTIC POWER SUPPLY UNITS			
5504	Domestic Power Supply Unit 1i/2o "F" 5...862MHz 24V-130mA		1
550101	Domestic Power Supply Unit 1i/2o "F" 5...862MHz 12V-220mA		1
5501	Domestic Power Supply Unit 1i/2o "F" 5...862MHz 12V-220mA (UK plug)		1
KITS: MAST AMPLIFIER + PSU			
LTE790			
568002	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix + PicoKom PSU 1i/2o "EasyF" 24V-130mA. Kit with Refs. 561701 & 5795		1
567802	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA. Kit with Refs.: 561601 & 5796		1

MAST NANOKOM SERIES



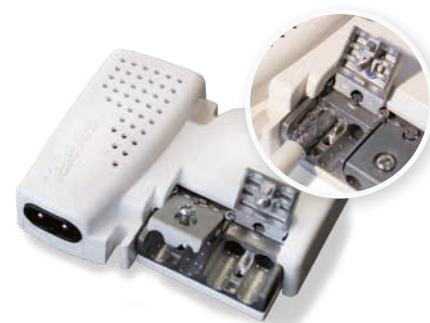
Dimensions: 90 x 80 x 38mm

The ultra-small size series with very low noise figure and automatic output level adjusting (USOS System).



▲ 561620 (with AUTO-LTE filter)

The amplifier is able to automatically switch the LTE filter on to filter channels from 48 (LTE700) to 60 (LTE790) depending on the scenario.



▲ Domestic PSU: PicoKom series
90 x 68 x 28 mm



▲ Domestic PSU: F connector
145 x 35 x 45 mm

AMPLIFICATION

Ref.	Description		
MATV DOMESTIC AMPLIFIERS (47...694/790/862MHz)			
"EasyF" CONNECTOR: PICOKOM SERIES			
560541	PicoKom Domestic Amplifier 1i/1o "EasyF": 47...790MHz G 14/20dB Vo 102/106dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790	1/10
560542	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790	1/10
560543	PicoKom Domestic Amplifier 1i/(2o+TV) "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790	1/10
5605	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...862MHz G 10/20dB Vo 105dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA		1/10
"IEC" CONNECTOR			
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dBµV (Blister T1)	LTE790	8
552741	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dBµV (UK plug)	LTE790	5
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dBµV (Blister T1)	LTE700	8
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47...790MHz G 20dB Vo 106dBµV + Output TV Outlet G 12dB (Blister T1)	LTE790	8
545720	Domestic Amplifier 1i/(2o+TV) "IEC": 47...694MHz G 20dB Vs 110dBµV + Output TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700	8
5529	Domestic Amplifier 1i/(4o+TV) "IEC": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister G)		8
552940	Domestic Amplifier 1i/(4o+TV) "IEC": 47...790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790	8
"F" CONNECTOR			
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 110dBµV + Output TV Outlet G 12dB (Blister T1)	LTE700	1
552240	Domestic Amplifier 1i/(2o+TV) "F": 47...790MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE790	8
★ 552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE700	8
552340	Domestic Amplifier 1i/(4o+TV) "F": 47...790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790	8
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)		8
5531	Domestic Amplifier 1i/6o "F": 47...862MHz G 16dB Vo 103dBµV (Blister T1)		8
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/782MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA (Blister T1)	AUTO LTE	8
★ 545802	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment+Output to a TV Outlet G 11dB+Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTO LTE	8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/782MHz G 20dB Vo 101dBµV w/USOS + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA	AUTO LTE	1
SMATV DOMESTIC AMPLIFIERS (47...2150MHz)			
"EasyF" CONNECTOR: PICOKOM SERIES			
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47...862/950..2150MHz G 15/23dB Vo 97/106dBµV AGC +Preamplifier Powering 12V-160mA		1/10
"F" CONNECTOR			
5530	Domestic Amplifier 1i/(2o+TV) "F": 5...30/47...862/950..2150MHz G(-9)/19/21dB Vo 111/114dBµV +Output TV Outlet G(-16)/11/13dB (Blister T1)		8
CATV DOMESTIC AMPLIFIERS (5...862MHz)			
"F" CONNECTOR			
5520	Domestic Amplifier 1i/(2o+TV) "F": 5...65/87.5..862MHz G -7/20dB Vo107dBµV +Output TV Outlet G13dB (Passive Return)		8
5525	Domestic Amplifier 1i/(2o+TV) "F": 5...65/87.5..862MHz G -7/18dB Vo106dBµV + Output TV Outlet G 12dB (Passive Ret.+ Equaliser)		8
5526	Domestic Amplifier 1i/(2o+TV) "F": 5...65/87.5..862MHz G 9/20dB Vo 107dBµV +Output TV Outlet G13dB (Active Return)		8
553301	Domestic Amplifier 1i/1o "F": 5...30/47...862MHz G -2/24dB Vo 112dBµV (Passive Ret.+ Equaliser)		8
553501	Domestic Amplifier 1i/1o "F": 5...30/47...862MHz G -2/34dB Vo 112dBµV (Passive Ret.+ Equaliser)		8
SKY PASS AMPLIFIERS			
"F" CONNECTOR			
5517	Domestic Amplifier 2i/4o "F": 47...232-5...30/470..862MHz G 16-6/16dB Vo 108-110/105dBµV 11V-10mA Sky Power. (UK Plug) ⁽¹⁾		1/5

AUTO-LTE FILTERING

The amplifier is able to automatically switch the LTE filter on to filter channels from 48 (LTE700) to 60 (LTE790) depending on the scenario.



Ref. 545801/02

Plug and Play due to its automatic gain control (AGC)

Ref. 545901

Equipped with USOS (User Selectable Output Signal) technology: the installer selects the desired output level, which remains stable. The device automatically adjusts gain according to the input signal variation.

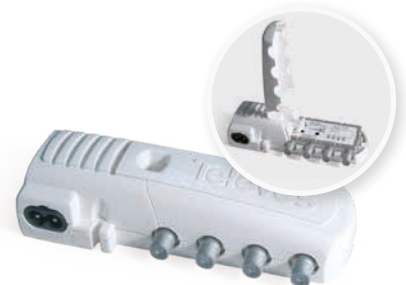
easyF



▲ Domestic Amplifier: PicoKom Series
90 x 68 x 28 mm



▲ Domestic Amplifier: "IEC" Connector
145 x 35 x 45 mm



▲ Domestic Amplifier: "F" Connector
145 x 35 x 45 mm

(1) Variable gain in UHF and VHF with detachable main lead.

AMPLIFICATION

Ref.	Description		
LAUNCH AMPLIFIERS: MINIKOM "EasyF" SERIES			
TERRESTRIAL - MATV			
562501	MiniKom Amplifier MATV 3i/1o "EasyF": FM-VHF-UHF G 15-(22 32)-(30 40)dB Vo 113-114-117dB μ V Preamplif.Powering 12V-200mA (Switchable DC Pass)	1	
562401	MiniKom Amplifier MATV 4i/1o "EasyF": FM-VHF-UHF-UHF G 15-(22 32)-(26 36)-(26 36)dB Vo 113-114-117-117dB μ V Preamplif.Powering 12V-200mA (Switchable DC Pass)	1	
562301	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..35-39..60 G 15-(22 32)-(26 36)-(24 34)-(24 34)dB Vo113-114-117-117-117dB μ V Preamp.Powering 12V-200mA (Switchable DC Pass)	1	
562302	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..32-36..60 G 15-(22 32)-(26 36)-(24 34)-(24 34)dB Vo113-114-117-117-117dB μ V Preamp.Powering 12V-200mA (Switchable DC Pass)	1	
TERRESTRIAL + SATELLITE - SMATV			
562601	MiniKom Amplifier MATV+SAT 4i/1o "EasyF": FM-VHF-UHF-SAT G 15-(21 31)-(27 37)-35dB Vo 114-114-115-119dB μ V Preamplif.Powering 12V-200mA (Switchable DC Pass)	1	
562201	MiniKom Amplifier MATV+SAT 5i/1o "EasyF": FM-VHF-UHF-UHF-SAT G 15-(21 31)-(24 34)-(24 34)-35dB Vo 114-114-115-115-119dB μ V Preamplif.Powering 12V-200mA (Switchable DC Pass)	1	
LAUNCH AMPLIFIERS: MINIKOM "F" SERIES			
TERRESTRIAL - MATV: LINE			
537302	MiniKom Amplifier MATV 1i/1o "F": 47...454/470...862MHz G (20 30)/(27 37)dB Vo 114/116dB μ V	1	
TERRESTRIAL - MATV			
539201	MiniKom Amplifier MATV 4i/1o "F": FM-BIII/DAB-UHF-UHF G 15-(20 30)-(27 37)-(27 37)dB Vo 114-114-117-117dB μ V 12V-70mA Preamp.Pow.	1	
RETURN PATH + TERRESTRIAL + SATELLITE - SMATV/CATV: LINE			
531710	MiniKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..30/47..862/950..2150MHz G -5/35/33..38dB Vo (MATV/SAT) 120/123dB μ V	1	
RETURN PATH + TERRESTRIAL + SATELLITE - SMATV/CATV			
5317	MiniKom Amplifier Return Path + MATV + 2SAT 2i/2o "F": (5..30/47..862/950..2150)-(950..2150)MHz G (for 2 outputs) -5/30..33/33..38dB Vo (MATV/SAT) 118/124dB μ V	1	
TERRESTRIAL + SATELLITE - SMATV			
★ 539620	MiniKom Amplifier MATV + SAT 4i/1o "F": FM-BIII-UHF-FI G 17-35-39-35..41dB Vo 110-113-114-124dB μ V 12V-70mA Preamplif.Pow.	LTE700	1
5396	MiniKom Amplifier MATV + SAT 4i/1o "F": BI/FM-BIII-UHF-FI G 33/20-35-40-35..42dB Vo 112-112-115-121dB μ V 12V-70mA Preamplif.Pow.		1
5363	MiniKom Amplifier MATV + SAT 2i/1o "F": (47...862)-(950...2150)MHz G -1.5-35..45dB Vo(SAT) 124dB μ V		1
536310	MiniKom Amplifier MATV + SAT 2i/1o "F": (47...862)-(950...2150)MHz G -1.5-35..45dB Vo(SAT) 124dB μ V (110Vac & US Plug)		1
SKY PASS - TERRESTRIAL - MATV			
5372	MiniKom Amplifier Return Path + MATV 2i/(7+1)o "F": FM/VHF-5..7MHz/UHF G 5-0.5/15dB Vo 89-108/89dB μ V (+1@16-15/27dB) 12V 30/10mA Preamplif./IR Powering (UK Plug)		1

MINIKOM EasyF SERIES



▲ Amplifiers
Dimensions: 100 x 100 x 50 mm

High efficiency launch / splitband amplifiers, with selectable gain and LTE rejection.

 me.telev.es.com/minikom



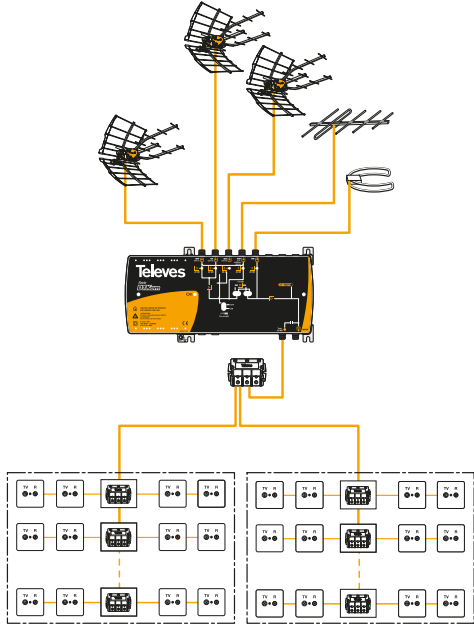
▲ Amplifiers: MiniKom "F" Series
185 x 112 x 70 mm

AMPLIFICATION

Ref.	Description		
LAUNCH AMPLIFIERS: DTKOM SERIES			
TERRESTRIAL - MATV: LINE			
5338	DTKom Amplifier MATV 1i/1o "F": 47...862MHz G (41 53)dB Vo 123dB μ V (Remote Powering 12V-50mA)		1
TERRESTRIAL - MATV			
534040	DTKom Amplifier MATV 3i/1o "F": FM-BIII-UHF G (21 25)-[36 44]-[45 55]dB Vo 123dB μ V 12V-50mA PreampLif. Powering	LTE790	1
5341	DTKom Amplifier MATV 5i/1o "F": BI/FM-BIII-21..36-38..69-UHF G (31 39)/[21 25]-[36 44]-[39 48]-[40 50]-[40 50]dB Vo 123dB μ V 12V-50mA PreampLif. Powering		1
534140	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..35-38..60-UHF G (21 25)-[36 44]-[40 50]-[42 52]-[42 52]dB Vo 123dB μ V 12V-50mA PreampLif. Powering	LTE790	1
534141	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..32-36..60-UHF G (21 25)-[36 44]-[40 50]-[42 52]-[42 52]dB Vo 123dB μ V 12V-50mA PreampLif. Powering	LTE790	1
4508	DTKom Amplifier MATV 4i/1o "F": FM-VHF-UHF-UHF G 30-[32 45]-[40 52]-[40 52]dB Vo 129dB μ V 12V-70mA Preamp.Pow.		1
4509	DTKom Amplifier 5i/1o "F": FM-VHF-21..35-39..69-UHF G 30-[32 45]-[38 50]-[38 50]-[40 52]dB Vo 129dB μ V 12V-70mA Preamp.Pow.		1
RETURN PATH + TERRESTRIAL + SATELLITE - SMATV/CATV: LINE			
533501	DTKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..65/87..862/950...2150MHz G 20/[40 53]/42dB Vo 115/124/121dB μ V		1
5337	DTKom Amplifier Return Path + MATV + 2SAT 2i/2o "F": (5..30/47..862/950..2150MHz) - (950..2150MHz) G (for 2 outputs) [-5 28]/[30 40]/40dB Vo 115/120/120dB μ V		1
RETURN PATH + TERRESTRIAL - CATV: LINE			
451203	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...65/87...1006MHz G 28/[30 40]dB Vo 118/129dB μ V		1
AMPLIFIERS: MICROKOM SERIES			
FIXED RETURN PATH AMPLIFIERS			
534211	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1006MHz G (- 20)/[20 25]dB Vo 118/121 dB μ V		1
534411	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1006MHz G (- 20)/[28 35]dB Vo 118/121 dB μ V		1



▲ Amplifiers: DTKom Series
284 x 140 x 50 mm



▲ Amplifiers: MicroKom Series
190 x 88 x 35 mm

AMPLIFICATION

Ref.	Description	
PROGRAMMABLE AMPLIFICATION : AVANT SERIES		
AVANT X ⁽¹⁾		AUTO LTE TFORCE
532101	Avant X Basic with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o "F": FM-4xVHF/UHF G 29-75dB Vo 122-122dBμV (DVB-T/T2 Compatible)	1
532111	Avant X Basic-Sat with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/2o "F": FM-4xVHF/UHF-SAT G 25-71-41dB Vo 118-118-123dBμV (DVB-T/T2 Compatible)	1
532121	Avant X Pro with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o "F": FM-4xVHF/UHF G 29-75dB Vo 122-122dBμV (DVB-T/T2 Compatible) with Autoprogramming, Monitoring and Report Generation	1
532131	Avant X Pro-Sat with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/2o "F": FM-4xVHF/UHF-SAT G 25-71-41dB Vo 118-118-123dBμV (DVB-T/T2 Compatible) with Autoprogramming, Monitoring and Report Generation	1
ACCESSORIES		
★ 216810	OTG USB C-microUSB B Cable Male-Male 1m Black (Bag B2)	1
7234	Universal Programmer T.OX/T05/AVANT	1
5750	Cabinet for Headend Amplifier 440x440x140mm	1
★ 400620	Line Amplifier UHF 1i/1o "F": 470...694MHz G 13dB Vo 98dBμV (Plug-in) LTE700	1/10
400610	Line Amplifier UHF 1i/1o "F": 470...790MHz G 13dB Vo 98dBμV (Plug-in) LTE790	1/10
4007	Notch Filter "F" UHF (Ch21-69) 1 Channel & 1 Adjustment	1/10
4162	Notch Filter "IEC" BI/FM/BIII/UHF 2 Channels & 2 Adjustments	1/10
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20
4061	Terminal Load "F" 750hm with DC Blocked	10/200



▲ 5750
Cabinet for Headend Amplifier (440 x 440 x 140mm)



▲ 216810

▲ 400620

(1) OTG cable for an ASuite programming included in all the AVANT X versions.

AVANT X PROGRAMMABLE HEADEND AMPLIFIER DIGITAL FILTERING AND PROCESSING

A NEW EVOLUTIVE STAGE

DIGITAL PROCESSING TECHNOLOGY IMPLEMENTED ON TERRESTRIAL TV SIGNALS



Setting the internal filters according to the type of signal LTE (4G/5G)



Compatible with **DVB-T** **DVB-T2**

TFORCE TECHNOLOGY Terrestrial signal level always stable and adapted to its optimum value

32 UP TO 32 INDIVIDUALLY PROGRAMMABLE FILTERS
Single channel digital filtering, even for adjacent channels

DIGITAL PROCESSING OF CHANNELS
Output channels can be frequency shifted

AUTOMATIC SIGNAL ADJUSTMENT IN EACH FILTER (AGC)
And output signal manual regulation

UHF/VHF DIGITAL FILTERS WITH HIGH SELECTIVITY
30dB rejection (@ 1MHz)



Use ASuite to program the Avant X, a simple and intuitive application for Android and PC.

(Backwards compatible, still programmable with Ref. 7234)

AMPLIFICATION

Ref.	Description		
T12 SERIES			
SINGLE CHANNEL AMPLIFICATION			
508212	T12 Single Channel Amplifier FM 88..108MHz G 35dB Vo 114dBµV		1
508312	T12 Single Channel Amplifier BIII 174...230MHz G 45dB Vo 123dBµV		1
509912	T12 Single Channel Amplifier DAB 195...232MHz G45dB Vo114dBµV		1
508612	T12 Single/Multi Channel Amplifier UHF DTT 470...862MHz G 50dB Vo 125dBµV (Up to 5 Channels)	LTE700 / LTE790	1
509812	T12 Single Channel Amplifier High Selectivity UHF 470...862MHz G 55dB Vo 125dBµV	LTE700 / LTE790	1
508012	T12 Amplifier SAT 950...2150MHz G 35...50dB Vo 124dBµV		1
POWER SUPPLY UNITS			
549812	T12 Switch-mode Power Supply Unit 60W 24V-2.5A		1
SUPPORTS & ENCLOSURES			
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾		1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules) ⁽¹⁾		1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾		1
5072	Lockable Cabinet 498mm (1 PSU + 10 Modules T12/T05) ⁽¹⁾		1
5069	Lockable Cabinet 648mm (1 PSU + 14 T12/T05 Modules) ⁽¹⁾		1
5333	19" Rack Cabinet 15RU. Ventilation, Wheels, Glazed Door		1
5332	19" Rack Cabinet 37RU. Ventilation, Wheels, Glazed Door		1
ACCESSORIES			
★ 400620	Line Amplifier UHF 1i/1o "F": 470...694MHz G 13dB Vo 98dBµV (Plug-in)	LTE700	1/10
400610	Line Amplifier UHF 1i71o "F": 470...790MHz G 13dB Vo 98dBµV (Plug-in)	LTE790	1/10
4007	Notch Filter "F" UHF (C21-69) 1 Channel & 1 Adjustment		1/10
4162	Notch Filter BI/FM/BIII/UHF 2 Channels & 2 Adjustments "IEC"		1/10
5165	Adjustable Attenuator "IEC" 0 to 20dB 40..860MHz DC Pass		10
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
507312	T12/T05 Blank Plate 35mm - 5RU		1
5074	T12 "F" Connector Link Push Fit Type, 48mm		10
4061	Terminal Load "F" 75ohm with DC Blocked		10/200
4071	DC Blocker "F"		10
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz		1/20



▲ 508612

▲ 549812



▲ 5301

▲ 549812



▲ 5072



▲ 5069



▲ 400620

▲ 4162

▲ 4071

(1) The number of modules indicated is based solely on the available space; but the number of installable modules may be limited by other restrictions as consumption or temperature.

PROCESSING HEADENDS

Ref.	Description	
T.OX SERIES		
SMATV HEADENDS		
★ 565801	T.OX Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders (2Sat) or 3 Transponders (1Sat+LoopThru): 32 IP Streams ⁽¹⁾	1
★ 565840	T.OX Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders (2Sat) or 3 Transponders (1Sat+LoopThru): 32 IP Streams Pro:Idiom re-encryption for DRM solution ⁽¹⁾	1
563101	T.OX Transmodulator DVBS/S2-COFDM (47...862MHz)	1
563301	T.OX Transmodulator DVBS/S2-COFDM CI (47...862MHz) ⁽¹⁾	1
564201	T.OX Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders (2Sat) :1Ch or 3 Transponders (1Sat+LoopThru): 1Ch ⁽¹⁾	1
564301	T.OX Twin Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders (2Sat) :2Ch or 3 Transponders (1Sat+LoopThru): 2Ch ⁽¹⁾	1
563001	T.OX Twin Transmodulator DVBS/S2-QAM (47...862MHz)	1
564501	T.OX Hexa Transmodulator DVBS/S2-QAM (47...862MHz)	1
563501	T.OX Transmodulator DVBS/S2-QAM CI (47...862MHz) ⁽¹⁾	1
564101	T.OX Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders (2Sat) :1Ch or 3 Transponders (1Sat+LoopThru): 1Ch ⁽¹⁾	1
564401	T.OX Twin Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders (2Sat) :2Ch or 3 Transponders (1Sat+LoopThru): 2Ch ⁽¹⁾	1
553701	T.OX Twin Transmodulator QPSK-PAL CI Stereo (VSB 47...862MHz) ⁽¹⁾	1
553702	T.OX Twin Transmodulator QPSK-PAL CI Stereo (VSB 47...862MHz) Pro CAM compatible. Simultaneous decryption of 2 services ^{(1) (2)}	1
MATV HEADENDS		
566001	T.OX Encoder/Modulator Single 1i: HDMI / Component(YPbPr) / CVBS - 1Mux: COFDM/QAM (MPEG2/4) (Standalone support + PSU 18V included)	1
563822	T.OX Encoder/Modulator Quad, 4i A/V: CVBS - 1Mux: COFDM/QAM (MPEG2/4)	1
563832	T.OX Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: COFDM/QAM (MPEG2/4)	1
563833	T.OX Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: ISDB-Tb/DVB-T (MPEG2/4)	1
563852	T.OX Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) / CVBS - 1Mux: IP/COFDM/QAM 2i: HDMI / Component(YPbPr) / CVBS / IP - 1Mux: COFDM/QAM	1
★ 565701	T.OX Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams ⁽¹⁾	1
★ 565740	T.OX Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams Pro:Idiom re-encryption for DRM solution ⁽¹⁾	1
565101	T.OX Twin Transmodulator DVBT/T2-COFDM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T) ⁽¹⁾	1
565201	T.OX Twin Transmodulator DVBT/T2-QAM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T) ⁽¹⁾	1
564901	T.OX Twin Processor Analogue/Digital Channel (47...862MHz)	1
5806	T.OX Twin Modulator Analogue A/V-PAL Stereo (VSB 47...862MHz)	1
580610	T.OX Twin Modulator Analogue A/V-PAL Mono (VSB 47...862MHz)	1
POWER SUPPLY UNITS		
562802	Power Supply Unit 38.4W 24V-1.6A (T.OX standalone mounting)	1
562910	T.OX Switch-mode Power Supply Unit 60W 24V-2.5A	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
563901	T.OX Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
AMPLIFIER		
5575	T.OX Amplifier Push-Pull 47...862MHz G 44dB Vo 120dBµV	1
COMBINER		
565002	Combiner 7i/1o: 5...1002MHz, 19" Rack Mount, 1RU	2



▲ 565002

T.OX IP STREAMERS



▲ 565801 ▲ 565840

Streamers generating an IP encapsulated output from the multiplexing of the services available in:

- Up to 3 different TV SAT transponders: Ref. 5658xx.
- 4 different DVB-T or DVB-T2 muxes: Ref. 5657xx.

In addition, modules 565840/565740 has the option to re-encrypt the IP services decrypted by the CAM with a DRM Pro: Idiom solution (Digital Rights Management), for secure delivery of contents.



▲ T.OX Encoders

Generate your own DTT content in High Definition.

(1) In case of modules with CI, it is the responsibility of the concerned person to consult Teledes and check compatibility of CAM and card with the module.

(2) If CAM and card allow it.

PROCESSING HEADENDS

Ref.	Description	
T.OX SERIES		
REMOTE CONTROL, PROGRAMMER & SW		
5559	T.OX Headend Management Unit CDC IP	1
555911	T.OX Headend Management Control CDC IP/3G	1
7234	Universal Programmer T.OX/T05/AVANT	1
216801	Kit: PC-Module Cable & USB-Serial Adapter. Utilities: TSuite (T.OX, T05)	1
★ 216802	Kit: OTG USB - microUSB B Cable & WiFi Adapter. Utilities: Streamers T.OX WiFi Control	1
SUPPORTS & ENCLOSURES		
567401	Standalone Support (1 T.OX Module)	1
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules) ⁽¹⁾	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
567201	Wall Mount 275mm 5RU (1 PSU + 4 T.OX Modules)	1
★ 507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.OX Modules)	1
507203	Lockable Cabinet with Forced Ventilation 498mm (1 PSU + 7 T.OX Modules) ⁽¹⁾	1
5333	19" Rack Cabinet 15RU. Ventilation, Wheels, Glazed Door	1
5332	19" Rack Cabinet 37RU. Ventilation, Wheels, Glazed Door	1
ACCESSORIES		
5673	T.OX Blank Plate 50mm - 5RU	1
533153	T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
567250	CAM Protection Bar (for Ref. 567201)	1
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4071	DC Blocker "F"	10
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20
422601	Patch Cable for Powering T.OX from T05 0.4m	1/5
WALL MOUNT		
585901	Analogue Modulator Quad PAL B/G with channel display (VHF/UHF) Wall mount (Connection accessories included)	1
MODULATOR + ENCODERS (RACK MOUNT)		
718201	Chassis with Double Power Supply, 6 Slots for slot-in Encoder/Modulator. 19" Rack Mount, 1RU	1
718210	Slot-in Encoder/Modulator IP - COFDM (8Mux)	1
718220	Slot-in Encoder/Modulator IP - QAM (16Mux)	1



▲ 718201



▲ 507203
(T.OX units not included)



▲ 5301



▲ Pre-assembled Rack Cabinet
(on request)



▲ 555911

▲ 5559



▲ 585901

APP TSUITE

TSuite in the Play Store & App Store

The T.OX headends can now be set with mobile apps for iOS and Android. TSuite and its Windows version is now available for these platforms. This makes it possible to set and control the Televes headends via smartphones and tablets. The installer can start maintenance or installation immediately.



▲ 216802

(1) The number of modules indicated is based solely on the available space; but the number of installable modules may be limited by other restrictions as consumption or temperature.

PROCESSING HEADENDS

Ref.	Description	
T05 SERIES		
SMATV HEADENDS		
586401	T05 Satellite Processor SAT-SAT Triple (3 Transponders)	1
AMPLIFIERS		
5865	T05 Amplifier SAT 950...2150MHz G 35-40dB Vo 123dB μ V 47...862MHz 1.5dB Through Losses	1
REMOTE CONTROL, PROGRAMMER & SW		
7234	Universal Programmer T.OX/T05/AVANT	1
216801	Kit: PC-Module Cable & USB-Serial Adapter Utilities: TSuite (T.OX, T05)	1
SUPPORTS & ENCLOSURES		
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules) ⁽¹⁾	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
5072	Lockable Cabinet 498mm (1 PSU + 10 Modules T12/T05) ⁽¹⁾	1
5069	Lockable Cabinet 648mm (1 PSU + 14 T12/T05 Modules) ⁽¹⁾	1
5333	19" Rack Cabinet 15RU. Ventilation, Wheels, Glazed Door	1
5332	19" Rack Cabinet 37RU. Ventilation, Wheels, Glazed Door	1
ACCESSORIES		
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4071	DC Blocker "F"	10
9924	3RCA-RJ45 Cable 1.5m	1
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20
422601	Patch Cable for Powering T.OX from T05 0.4m	1/5



▲ 586401



▲ 5865



▲ 5069
(T05 units not included)

(1) The number of modules indicated is based solely on the available space; but the number of installable modules may be limited by other restrictions as consumption or temperature.

FIBER OPTICS

Ref.	Description	
T.OX SERIES		
TRANSMISSION & RECEPTION		
233306	T.OX Optical Transmitter SMATV 1310nm "SC/APC" Po 6dBm w/o Return Path	1
233311	T.OX Optical Transmitter SMATV 1310nm "SC/APC" Po 10dBm w/o Return Path	1
234801	T.OX Optical Transmitter CATV 1310nm "SC/APC" Po 10dBm w/o Return Path RF Automatic Adjustment and Temperature Stability	1
234305	T.OX Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm w/o Return Path	1
234811	T.OX Optical Transmitter CATV 1550nm "SC/APC" Po 10dBm w/o Return Path RF Automatic Adjustment and Temperature Stability	1
2335	T.OX Optical Receiver SMATV 1200...1600nm "SC/APC" w/o Return Path	1
2336	T.OX Optical Receiver SMATV 1200...1600nm "SC/APC" with Return Path Optical Transmitter 1310nm Po 3dBm	1
234901	T.OX Return Path Optical Receiver (5...300MHz) 1270...1650nm "SC/APC", with AGC	1
SPLITTERS		
2337	T.OX Optical Splitter 1260...1650nm "SC/APC" 2W 4dB	1
2339	T.OX Optical Splitter 1260...1650nm "SC/APC" 4W 7dB	1
234401	T.OX Optical Splitter 1260...1650nm "SC/APC" 8W 10dB	1
234501	T.OX Optical Splitter 1260...1650nm "SC/APC" 16W 14dB	1
234601	T.OX Optical Splitter 1260...1650nm "SC/APC" 32W 17dB	1
POWER SUPPLY UNITS		
562910	T.OX Switch-mode Power Supply Unit 60W 24V-2.5A	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
563901	T.OX Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
AMPLIFIERS		
234220	T.OX Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology)	1
234221	T.OX Optical Amplifier / Multiplexer "SC/APC" 19dBm (EDFA Technology) 2i: 1310/1490nm - 1550nm, 1o: 1310/1490/1550nm	1
234228	T.OX Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm	1
MULTIPLEXER / DEMULTIPLEXER (WDM)		
234701	T.OX Optical Multiplexer / Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
234702	T.OX Optical Multiplexer / Demultiplexer 1i/2o "SC/APC": RFoG: Uplink (1610nm) - Downlink (1550nm)	1
SUPPORTS & ENCLOSURES		
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules) ⁽¹⁾	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules) ⁽¹⁾	1
★ 507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.OX Modules)	1
507203	Lockable Cabinet with Forced Ventilation 498mm (1 PSU + 7 T.OX Modules) ⁽¹⁾	1
5333	19" Rack Cabinet 15RU. Ventilation, Wheels, Glazed Door	1
5332	19" Rack Cabinet 37RU. Ventilation, Wheels, Glazed Door	1
ACCESSORIES		
5673	T.OX Blank Plate 50mm - 5RU	1
4061	Terminal Load "F" 75Ohm with DC Blocked	10/200
4071	DC Blocker "F"	10
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20



▲ 234801/234811

▲ 234901



▲ 234401

▲ 234501

▲ 234601



▲ 234221

▲ 234228



▲ 234701

▲ 234702



★ 507204



▼ 5629



▼ 562910

(1) The number of modules indicated is based solely on the available space; but the number of installable modules may be limited by other restrictions as consumption or temperature.

FIBER OPTICS

Ref.	Description	
19" RACK FORMAT		
TRANSMISSION & RECEPTION		
769902	Optical Transmitter SMATV 1310nm "SC/APC" Po 6dBm w/o Return Path, 19" Rack Mount, 1RU	1
769903	Optical Transmitter SMATV 1310nm "SC/APC" Po 10dBm w/o Return Path, 19" Rack Mount, 1RU	1
STANDALONE FORMAT		
TRANSMISSION & RECEPTION		
238201	FiberKom Optical Transmitter SMATV 1310nm "SC/APC" Po 3dBm w/o Return Path	1
F.O. DISTRIBUTION (OPTICAL NODES)		
OPTICAL NODES (OUTDOOR)		
231020	Outdoor Optical Node 1200...1600nm "SC/APC" Return Path 1610nm with Amplifier 2o: 87...1006MHz, OLC Technology (Local Powering) ⁽¹⁾	1
231220	Outdoor Optical Receiver 1200...1600nm "SC/APC" without Return Path with Amplifier 2o: 40...1006MHz, OLC Technology (Local Powering) ⁽¹⁾	1
231201	Outdoor Optical Receiver 1200...1600nm "SC/APC" without Return Path with Amplifier 1o: 87...862/950...2150MHz (Local Powering)	1
OPTICAL MINI-NODES: FIBERKOM SERIES		
238001	FiberKom Optical Mini-node 1200...1600nm "SC/APC" Return Path 1310nm (2 Fibers) with Amplifier 87...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering) ⁽¹⁾	1
238004	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 87...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Remote Powering) ⁽¹⁾	1
238005	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 87...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering) ⁽¹⁾	1
238101	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Remote Powering) ⁽¹⁾	1
★ 238079	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Local Powering)	1
OPTICAL MICRO-NODES		
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology ⁽¹⁾	1
231110	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology ⁽¹⁾	1
2311	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 87...862/950...2400MHz with Automatic Adjustment	1



▲ 769902



▲ 769903



▲ 238201



▲ Mini-Node: FiberKom Series
185 x 80 x 35 mm

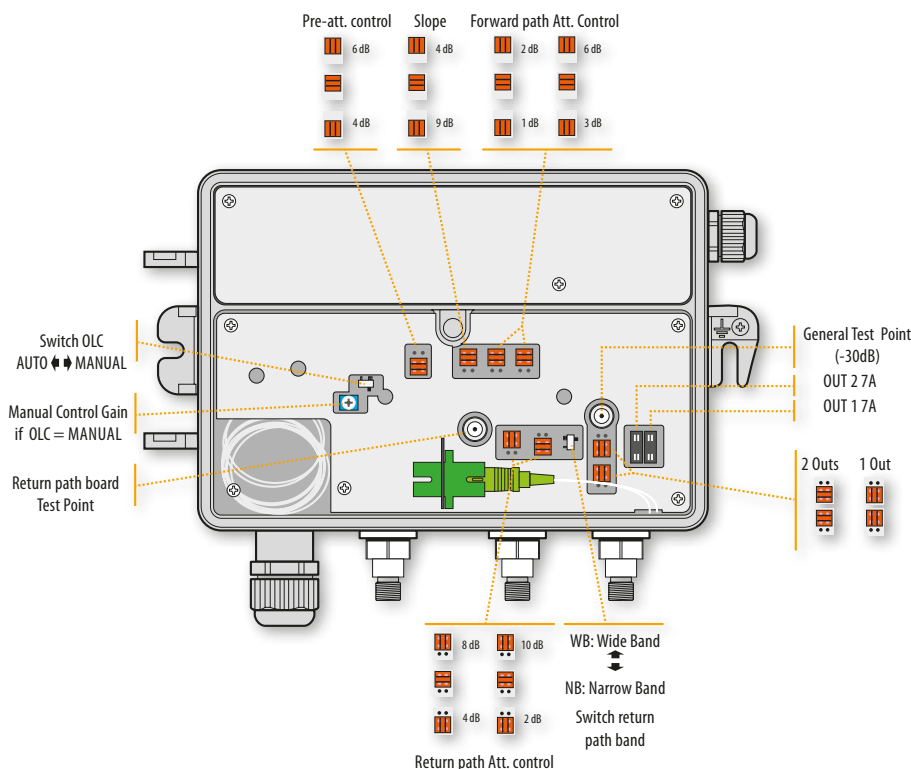


▲ Micro-Node:
145 x 60 x 35 mm



▲ Outdoor Node:
232 x 140 x 90 mm

Optical node: Configuration Scheme



(1) OLC Technology: Optical Level Control.

FIBER OPTICS

Ref.	Description	
F.O. DISTRIBUTION		
RACKS AND ACCESSORIES		
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Wall/Ground Mount	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Wall/Ground Mount	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Wall/Ground Mount	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Wall/Ground Mount	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Ground Mount	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533153	T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533154	Cable Management for Rack 19" 1RU, 5 Holes	1
533156	Cable Management for Rack 19" 1RU, 5 Rings	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
★ 533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533161	Blank Panel for Rack 19" 1RU	1
533163	Blank Panel for Rack 19" 3RU	1
533165	Blank Panel for Rack 19" 5RU	1
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units)	1
ENCLOSURES		
233002	Main Terminal Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
233003	Stackable Main Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)	1
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231310	Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)	1
546701	Data/Coaxial/Fibre Network Terminal Enclosure	1
USER ACCESS POINT (UAP)		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ⁽¹⁾	1
231520	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 15m on one end ^{(1) (2)}	1
231521	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 25m on one end ^{(1) (2)}	1
231522	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 40m on one end ^{(1) (2)}	1
231523	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 55m on one end ^{(1) (2)}	1
231524	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 70m on one end ^{(1) (2)}	1
231525	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 85m on one end ^{(1) (2)}	1
231526	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Fibers of 100m on one end ^{(1) (2)}	1
231530	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 15m on one end ^{(1) (2)}	1
231531	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 25m on one end ^{(1) (2)}	1
231532	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 40m on one end ^{(1) (2)}	1
231533	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 55m on one end ^{(1) (2)}	1
231534	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 70m on one end ^{(1) (2)}	1
231535	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 85m on one end ^{(1) (2)}	1
231536	F.O. Patch Box 4 Outs: 4 Pre-terminated Fibers of 100m on one end ^{(1) (2)}	1



▲ 533113
600 x 690 x 400mm



▼ 533152
480 x 43 x 230mm



▲ 533157



▲ 233003
444 x 180 x 125 mm



▲ 233002
454 x 358 x 95 mm

▲ 231302
206 x 300 x 110 mm



▲ 231301
153 x 264 x 67 mm



▲ 231310
203 x 106 x 30 mm

Types of Rack Cabinets

Ref.	Dimensions (mm)
533106	600 x 380 x 400
533108	600 x 460 x 400
533113	600 x 690 x 400
533117	600 x 870 x 400
533124	600 x 1200 x 600



▲ 23152x / 23153x

(1) "SC/APC" (Female - Female) Adapters and dispenser box included.
(2) ITU-T G657A2 single-mode fibers.

FIBER OPTICS

Ref.	Description		
F.O. CABLES (ITU-T G657A2)			
MULTI-FIBER CABLES (FIBER'S TIGHT BUFFER Ø 250µm)			
★ 231414	Multi-fiber Cable 16 Single-mode Fibers LSFH Dca	○	By m
★ 231614	Multi-fiber Cable 24 Single-mode Fibers LSFH Dca	○	By m
★ 231714	Multi-fiber Cable 48 Single-mode Fibers LSFH Dca	○	By m
MULTI-FIBER CABLES (FIBER'S TIGHT BUFFER Ø 900µm)			
231802	Multi-fiber Cable 12 Single-mode Fibers LSFH Fca	○	By m
231603	Multi-fiber Cable 24 Single-mode Fibers LSFH Fca	○	By m
231702	Multi-fiber Cable 48 Single-mode Fibers LSFH Fca	○	By m
4 FIBER CABLES (FIBER'S TIGHT BUFFER Ø 250µm)			
231911	4 Fiber Cable Single-mode Indoor LSFH Fca	○	300
2 FIBER CABLES (FIBER'S TIGHT BUFFER Ø 900µm)			
231901	2 Fiber Cable Single-mode Indoor LSFH Dca	○	300
231902	2 Fiber Cable Single-mode Indoor LSFH Dca	○	750
232001	2 Fiber Cable Single-mode Outdoor LSFH Dca	ⓑ	200
232002	2 Fiber Cable Single-mode Outdoor LSFH Dca	ⓑ	500
PRE-TERMINATED PATCH CORDS (Ø 3mm)			
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"- "SC/PC" 0.2m		5
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"- "FC/UPC" 2m (Bag B4)		10
★ 232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)		10
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)		10
232640	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 10m		1
232641	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 15m		1
232642	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 20m		1
232643	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 25m		1
232644	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 30m		1
232645	F.O. Duplex Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 40m		1
ACCESSORIES			
2327	Splicing Protection Sleeve 60mm for FO fusion		200
232701	Splicing Protection Sleeve 43mm for FO fusion		200
2328	Fiber Mechanical Splices		10
2329	Connectors of Fiber Optics "SC/APC" (with mounting tool)		10
232602	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail		25
233203	Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap		25
233210	Twin Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap		20/1000
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (plastic drums) ⁽¹⁾		1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (plastic drums) ⁽²⁾		1

"By m" = Cut to length



▲ 232624: Patch cord



▲ 232621: Patch cord



▲ 23264x: Duplex patch cord



▲ 233210



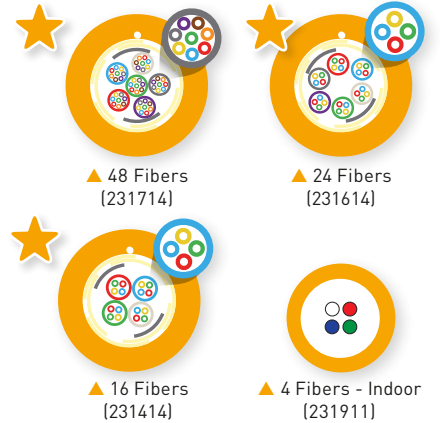
▲ 2328



▲ 233203

F.O. CABLES

Fiber's tight buffer Ø 250µm



Fiber's tight buffer Ø 900µm



▶ 2120xx (Cable drum not included)

(1) For 2 fiber cable in 200 or 300m drum.

(2) For 2 fiber cable in 500 or 750m drum.

FIBER OPTICS (OPTICAL LNB)

Ref.	Description		
F.O. DISTRIBUTION (OPTICAL LNB)			
OPTICAL LNBs			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	G	1
2363	P.F. Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm Grey	G	1
OPTICAL FIBER / RF CONVERTERS: SATELLITE + TERRESTRIAL			
236801	RF/Optical Converter ODU32 1310nm "F"- "N"- "FC/PC": DAB/UHF-SAT + Offset LNB + AC/DC Adapter + Interconnection Accessories		1
236810	RF/Optical Converter ODU32 1550nm "F"- "N"- "FC/PC": DAB/UHF-SAT + Offset LNB + AC/DC Adapter + Interconnection Accessories		1
236903	Optical/RF Converter "FC/PC"- "F" Quad FM/DAB/UHF-SAT		1
237003	Optical/RF Converter "FC/PC"- "F" Quattro FM/DAB/UHF-SAT		1
FTTH TRANSMISSION & RECEPTION			
237301	Optical Transmitter / Multiplexer "SC/APC". 2i: 1310/1490nm(Sat) - RF(Terr.), 1o: 1310/1490/1550nm(Sat/Terr.)		1
237311	Optical Receiver / Demultiplexer "SC/APC" [-8...+1dBm]. 1i: 1310/1490/1550nm(Sat/Terr.), 2o: 1310/1490nm(Sat) - RF(Terr.)		1
FIBER4SAT SOLUTION: 4 SATELLITES + TERRESTRIAL			
237901	Optical Transmitter / Multiplexer DWDM "SC/APC" 5i: 4x 1100...1600nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr), Po 5dBm		1
237911	Optical Receiver / Demultiplexer DWDM "SC/APC" 1i: 1550nm(4xSat+Terr.), 4o: 4x RF(4xSat+Terr.)		1
★ 237910	Optical Transmitter / Multiplexer Module DWDM "SC/APC". 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr), 9dBm		1
234755	DWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1550,12nm (Ch34) / 1150,92nm (Ch33) / 1551,72nm (Ch32) / 1552,52nm (Ch31)		1
237902	Optical Transmitter / Multiplexer CWDM "SC/APC" 5i: 4x 1100...1600nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr), Po 5dBm		1
★ 237920	Optical Transmitter / Multiplexer CWDM Module "SC/APC" 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr), Po 6dBm		1
234756	CWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1510/1530/1550/1570nm		1
SPLITTERS			
235701	Optical Splitter 1310/1550nm "FC/PC" 2W 4dB		1
235801	Optical Splitter 1310/1550nm "FC/PC" 3W 5.5dB		1
235901	Optical Splitter 1310/1550nm "FC/PC" 4W 7dB		1
236001	Optical Splitter 1310/1550nm "FC/PC" 8W 10.1dB		1
ATTENUATORS			
2364	Optical Attenuator 1310/1550nm "FC/PC" 5dB		1
2365	Optical Attenuator 1310/1550nm "FC/PC" 10dB		1
2366	Optical Attenuator 1310/1550nm "FC/PC" 15dB		1
PRE-TERMINATED PATCH CORDS			
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m		1
2361	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 3m		1
236101	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 5m		1
236102	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 10m		1
236103	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 20m		1
236104	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 30m		1
236105	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 40m		1
236106	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 50m		1
236107	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 75m		1
236108	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 100m		1
236109	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 200m		1
ACCESSORIES			
237050	Power Supply Unit 20V-1.2A (for Ref. 237003)		1
732210	Power Supply Unit 12V-1.5A (UK plug)		1
732802	Power Supply Unit 12.5V-2.8A		1
2354	Fiber Optics Connector for 2 "FC"- "FC" Pre-terminated Patch Cords Interconnection		5
2356	Fiber Optics Adapter for a "FC"- "SC" Connector Change, of 2 Pre-terminated Patch Cords		5

FIBER4SAT

A FULL FOUR SATELLITES IN A SET-TOP BOX



Transmitter (2379xx)



Receiver (237911)

Distribution system of four satellites and DTT in a single optical fiber. Optical transmission using DWDM or CWDM (depending on the ref.).



237003



237301



237311

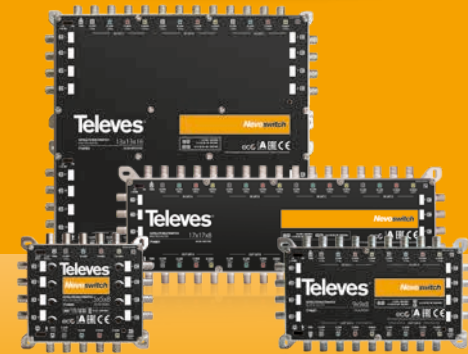


236810

MULTISWITCHES

Ref.	Description	
NEVOSWITCH SERIES: STAND ALONE & CASCADE MULTISWITCHES		
5 INPUTS (1 SATELLITE + TERRESTRIAL)		
714501	Multiswitch 5x5x4 "F" Terminal/Cascade	1
714502	Multiswitch 5x5x6 "F" Terminal/Cascade	1
714503	Multiswitch 5x5x8 "F" Terminal/Cascade	1
714504	Multiswitch 5x5x12 "F" Terminal/Cascade	1
714505	Multiswitch 5x5x16 "F" Terminal/Cascade	1
714506	Multiswitch 5x5x24 "F" Terminal/Cascade	1
714507	Multiswitch 5x5x32 "F" Terminal/Cascade	1
714508	Amplifier 5x5 "F" MATV/IF G 12/15dB Vo 110dB μ V	1
714509	Amplifier 5x5 "F" MATV/IF G 27/25dB Vo 110dB μ V	1
714906	Tap 5x5x5 "F" 8dB	1
714901	Tap 5x5x5 "F" 12dB	1
714902	Tap 5x5x5 "F" 15dB	1
714903	Tap 5x5x5 "F" 20dB	1
714904	Tap 5x5x5 "F" 25dB	1
714905	Splitter 5x5x5 4/4dB	1
5 INPUTS (1 SATELLITE + TERRESTRIAL) - QUAD COMPATIBLE		
714402	Quad Compatible Multiswitch 5x5x6 "F" Terminal/Cascade (12V-0.8A PSU included)	1
714403	Quad Compatible Multiswitch 5x5x8 "F" Terminal/Cascade (12V-0.8A PSU included)	1
714404	Quad Compatible Multiswitch 5x5x12 "F" Terminal/Cascade (12V-0.8A PSU included)	1
714405	Quad Compatible Multiswitch 5x5x16 "F" Terminal/Cascade (12V-0.8A PSU included)	1
5 INPUTS (1 SATELLITE + PASSIVE TERRESTRIAL)		
714303	Multiswitch 5x5x8 "F" Terminal/Cascade, Passive Terrestrial	1
714304	Multiswitch 5x5x12 "F" Terminal/Cascade, Passive Terrestrial	1
714305	Multiswitch 5x5x16 "F" Terminal/Cascade, Passive Terrestrial	1
5 INPUTS (1 SATELLITE + TERRESTRIAL) - dCSS TECHNOLOGY, MULTICHOICE COMPATIBLE T-FORCE		
714121	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial	1
714122	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial	1
9 INPUTS (2 SATELLITES + TERRESTRIAL)		
714601	Multiswitch 9x9x8 "F" Terminal/Cascade	1
714602	Multiswitch 9x9x12 "F" Terminal/Cascade	1
714603	Multiswitch 9x9x16 "F" Terminal/Cascade	1
714604	Multiswitch 9x9x24 "F" Terminal/Cascade	1
714605	Multiswitch 9x9x32 "F" Terminal/Cascade	1
714609	Amplifier 9x9 "F" Ret.P/MATV/IF G -/27/25dB Vo 110dB μ V	1
9 INPUTS (2 SATELLITES + TERRESTRIAL) - QUAD COMPATIBLE		
714241	Quad Compatible Multiswitch 9x9x8 "F" Terminal/Cascade	1
714242	Quad Compatible Multiswitch 9x9x12 "F" Terminal/Cascade	1
714243	Quad Compatible Multiswitch 9x9x16 "F" Terminal/Cascade	1
714244	Quad Compatible Multiswitch 9x9x24 "F" Terminal/Cascade	1
714245	Quad Compatible Multiswitch 9x9x32 "F" Terminal/Cascade	1

NEVOSWITCH SERIES



Scalable multiswitches range, european design, manufacturing and quality.

me.televes.com/nevoswitch

THE NEW AND INNOVATIVE NEVOSWITCH IMPLEMENTING dCSS TECHNOLOGY, WITH DCFLEX FUNCTIONALITY



DCFLEX gives complete flexibility when choosing how to power the dCSS NevoSwitch to suit any installation scenario. This versatility is achieved by a toggle switch that can isolate the multiswitch from the cascade's DC power configuration.

me.televes.com/dcssnevoswitch



▲ 714403

▲ 714405

▲ 714602



▲ 714241

MULTISWITCHES

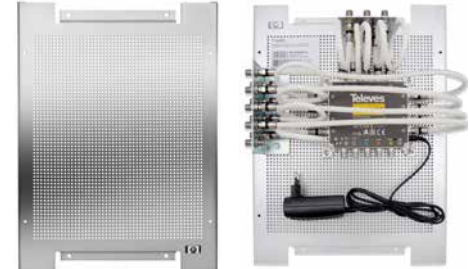
Ref.	Description	
NEVOSWITCH SERIES: STAND ALONE & CASCADE MULTISWITCHES		
13 INPUTS (3 SATELLITES + TERRESTRIAL)		
714701	Multiswitch 13x13x8 "F" Terminal/Cascade	1
714702	Multiswitch 13x13x12 "F" Terminal/Cascade	1
714703	Multiswitch 13x13x16 "F" Terminal/Cascade	1
714704	Multiswitch 13x13x24 "F" Terminal/Cascade	1
714705	Multiswitch 13x13x32 "F" Terminal/Cascade	1
714709	Amplifier 13x13 "F" Ret.P/MATV/IF G -/27/25dB Vo 110dB μ V	1
17 INPUTS (4 SATELLITES + TERRESTRIAL)		
714801	Multiswitch 17x17x8 "F" Terminal/Cascade	1
714802	Multiswitch 17x17x12 "F" Terminal/Cascade	1
714803	Multiswitch 17x17x16 "F" Terminal/Cascade	1
714804	Multiswitch 17x17x24 "F" Terminal/Cascade	1
714805	Multiswitch 17x17x32 "F" Terminal/Cascade	1
714809	Amplifier 17x17 "F" Ret.P/MATV/IF G -/27/25dB Vo 110dB μ V	1
POWER SUPPLY UNITS		
732101	Power Supply Unit 12V-0.8A	1
732210	Power Supply Unit 12V-1.5A (UK plug)	1
732802	Power Supply Unit 12.5V-2.8A	1
732001	Power Supply Unit 18V-2A (NevoSwitch dCSS)	1
ACCESSORIES		
993810	Earth Bonding Bar 4 Connectors (9x/13x/17x NevoSwitch compatible)	1
993811	Earth Bonding Bar 5 Connectors (5x/9x/13x/17x NevoSwitch compatible)	1
3821	Adapter "Quick F" Male - "F" Male, Plastic Box	50/500
EASYSWITCH SERIES		
719001	Multiswitch 5x5x4 "EasyF" Terminal/Cascade (Adjustable Attenuator)	1
719101	Amplifier 5x5 "EasyF" MATV/SAT G 14/28dB Vo 111/110dB μ V w/AGC	1
CABINETS		
5894	Perforated Mounting Plate 300x400mm, Distance from the wall 19mm	1
589401	Perforated Mounting Plate 400x400mm, Distance from the wall 19mm	1
589402	Perforated Mounting Plate 400x600mm, Distance from the wall 19mm	1
5893	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 300x400x200mm	1
589301	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x400x200mm	1
589302	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x600x200mm	1
589303	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x600x200mm	1
589304	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x800x200mm	1



▲ 714801

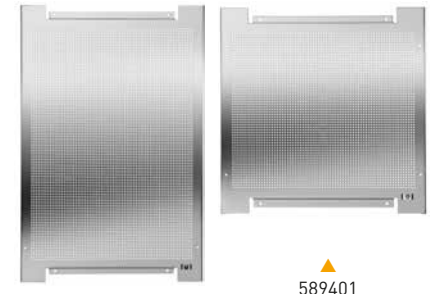


▼ 719001



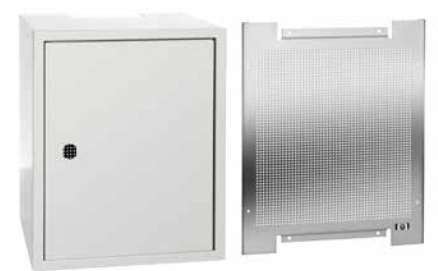
▲ 5894

▲ Mounting with Ref. 5894

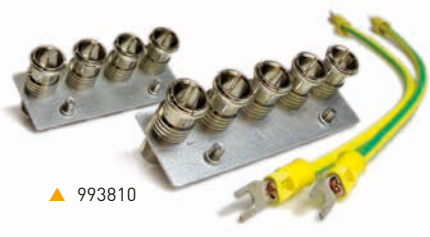


▲ 589401

▲ 589402



▲ 5893



▲ 993810

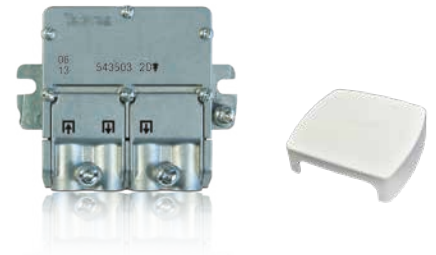
▲ 993811



▼ 732001

DISTRIBUTION

Ref.	Description		
SPLITTERS WITH "EasyF" CONNECTOR			
5...2400MHz			
543503	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass 0-I		10
543603	Mini-Splitter 5...2400MHz "EasyF" 3W 8.5/7.5dB Indoor DC Pass 0-I		10
543702	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass 0-I		10
543802	Splitter 5...2400MHz "EasyF" 5W 10/9.5dB Indoor DC Pass 0-I		10
5469	Splitter 5...2400MHz "EasyF" 6W 11/14dB Indoor DC Pass 0-I		6
5489	Splitter 5...2400MHz "EasyF" 8W 14/16dB Indoor DC Pass 0-I		6
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB DC Pass 0-I With Outdoor Mounting Case (Blister T1)	B	10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7dB DC Pass 0-I With Outdoor Mounting Case (Blister T1)	B	8
ACCESSORIES			
545510	Face Plate for Mini Series White 62x56x18mm	W	10
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	B	1/10
545501	Face Plate White 93x74x21mm	W	10
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	B	1/5
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	G	1/5
4087	Terminal Load "EasyF" 750hm with DC Blocked		25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box		100
SPLITTERS WITH "F" CONNECTOR			
5...2400MHz			
5150	Splitter 5...2400MHz "F" 2W 4/5dB Indoor		1/10
5151	Splitter 5...2400MHz "F" 3W 7/9dB Indoor		1/10
5152	Splitter 5...2400MHz "F" 4W 8/10dB Indoor		1/10
5153	Splitter 5...2400MHz "F" 5W 10/12dB Indoor		1/10
7441	Splitter 5...2400MHz "F" 6W 11/14dB Indoor		1/10
7406	Splitter 5...2400MHz "F" 8W 12/15dB Indoor		1/10
5155	Splitter 5...2400MHz "F" 2W 4/5dB Indoor DC Pass All		1/10
5156	Splitter 5...2400MHz "F" 4W 8/10dB Indoor DC Pass All		1/10
5157	Splitter 5...2400MHz "F" 5W 10/12dB Indoor DC Pass All		1/10
5158	Splitter 5...2400MHz "F" 6W 11/14dB Indoor DC Pass All		1/10
5159	Splitter 5...2400MHz "F" 8W 12/15dB Indoor DC Pass All		1/10
7402	Splitter 950...2150MHz "F" 8W 1...4dB Indoor Active		1
5...1218MHz - DOCSIS 3.1			
453003	Splitter 5...1218MHz "F" 2W 4dB Indoor		1/10
453203	Splitter 5...1218MHz "F" 3W 6dB Indoor		1/10
453103	Splitter 5...1218MHz "F" 4W 8dB Indoor		1/10
453403	Splitter 5...1218MHz "F" 6W 10dB Indoor		1/10
453303	Splitter 5...1218MHz "F" 8W 11dB Indoor		1/10
ACCESSORIES			
545501	Face Plate White 93x74x21mm	W	10
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	B	1/5
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	G	1/5
4061	Terminal Load "F" 750hm with DC Blocked		10/200
4058	Terminal Load "F" 750hm without DC Blocked		10/200
405802	Terminal Load "F" 750hm without DC Blocked, Plastic Box		100



▲ Mini-Splitter 57x 47 x 13 mm

▲ 545501

BLACK OUTDOOR CASE FOR MINI SERIES



▲ 417801



▲ 543802

▲ 5155



▲ 5159



▲ 453203



▲ 453303

DISTRIBUTION

Ref.	Description	
SPLITTERS WITH 5/8" CONNECTOR (OUTDOOR)		
5...1000MHz		
4622	Splitter 5...1000MHz 5/8" 2W 6dB Outdoor	1
4623	Splitter 5...1000MHz 5/8" 3W 10dB Outdoor	1
TAPS WITH "EasyF" CONNECTOR		
5...2400MHz		
542503	Mini-Tap 5...2400MHz "EasyF" 2W 12dB Indoor DC Pass I-O (TA - Floor 1)	10
542603	Mini-Tap 5...2400MHz "EasyF" 2W 16dB Indoor DC Pass I-O (A - Floors 2 & 3)	10
542703	Mini-Tap 5...2400MHz "EasyF" 2W 21dB Indoor DC Pass I-O (B - Floors 4...6)	10
542803	Mini-Tap 5...2400MHz "EasyF" 2W 25dB Indoor DC Pass I-O (C - Floors 7...12)	10
544402	Tap 5...2400MHz "EasyF" 4W 12dB Indoor DC Pass I-O (TA - Floor 1)	10
544502	Tap 5...2400MHz "EasyF" 4W 16dB Indoor DC Pass I-O (A - Floors 2 & 3)	10
544602	Tap 5...2400MHz "EasyF" 4W 20dB Indoor DC Pass I-O (B - Floors 4 & 5)	10
544702	Tap 5...2400MHz "EasyF" 4W 25dB Indoor DC Pass I-O (C - Floors 6...8)	10
5492	Tap 5...2400MHz "EasyF" 6W 16dB Indoor DC Pass I-O (TA - Floor 1)	6
5493	Tap 5...2400MHz "EasyF" 6W 20dB Indoor DC Pass I-O (A - Floors 2 & 3)	6
5494	Tap 5...2400MHz "EasyF" 6W 24dB Indoor DC Pass I-O (B - Floors 4 & 5)	6
5610	Tap 5...2400MHz "EasyF" 8W 16dB Indoor DC Pass I-O (TA - Floor 1)	6
5611	Tap 5...2400MHz "EasyF" 8W 22dB Indoor DC Pass I-O (A - Floor 2)	6
ACCESSORIES		
545510	Face Plate for Mini Series White 62x56x18mm	10
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	1/10
545501	Face Plate White 93x74x21mm	10
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	1/5
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	1/5
4087	Terminal Load "EasyF" 750hm with DC Blocked	25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box	100
TAPS WITH "F" CONNECTOR		
5...2400MHz		
5130	Tap 5...2400MHz "F" 2W 12dB Indoor (TA - Floor 1)	1/10
5131	Tap 5...2400MHz "F" 2W 15dB Indoor (A - Floors 2 & 3)	1/10
5132	Tap 5...2400MHz "F" 2W 18dB Indoor (B - Floors 4 & 5)	1/10
5133	Tap 5...2400MHz "F" 2W 23dB Indoor (C - Floors 6 & 7)	1/10
5134	Tap 5...2400MHz "F" 2W 27dB Indoor (D - Floors 8...10)	1/10
514110	Tap 5...2400MHz "F" 4W 12dB Indoor DC Pass All (TA - Floor 1)	1/10
514210	Tap 5...2400MHz "F" 4W 16dB Indoor DC Pass All (A - Floors 2 & 3)	1/10
514310	Tap 5...2400MHz "F" 4W 19dB Indoor DC Pass All (B - Floors 4 & 5)	1/10
514410	Tap 5...2400MHz "F" 4W 24dB Indoor DC Pass All (C - Floors 6...8)	1/10
5145	Tap 5...2400MHz "F" 4W 29dB Indoor (D - Floors 9 & 10)	1/10
5135	Tap 5...2400MHz "F" 6W 19dB Indoor (TA - Floor 1)	1/10
5136	Tap 5...2400MHz "F" 6W 21dB Indoor (A - Floors 2 & 3)	1/10
5137	Tap 5...2400MHz "F" 6W 25dB Indoor (B - Floors 4...6)	1/10
5146	Tap 5...2400MHz "F" 8W 19dB Indoor (TA - Floor 1)	1/10
5147	Tap 5...2400MHz "F" 8W 20dB Indoor (A - Floors 2 & 3)	1/10
5148	Tap 5...2400MHz "F" 8W 25dB Indoor (B - Floors 4...6)	1/10



▲ Mini-Tap:
57x 47 x 13 mm



▲ 5494



▲ 5133



▲ 514110



▲ 5146



▲ 4087

Ref.	Description		
TAPS WITH "F" CONNECTOR			
5...1218MHz - DOCSIS 3.1			
451803	Tap 5...1218MHz "F" 1W 14dB Indoor		1/10
451903	Tap 5...1218MHz "F" 1W 17dB Indoor		1/10
456103	Tap 5...1218MHz "F" 2W 8dB Indoor		1/10
456203	Tap 5...1218MHz "F" 2W 11dB Indoor		1/10
456303	Tap 5...1218MHz "F" 2W 14dB Indoor		1/10
456603	Tap 5...1218MHz "F" 2W 23dB Indoor		1/10
456703	Tap 5...1218MHz "F" 2W 26dB Indoor		1/10
457103	Tap 5...1218MHz "F" 4W 8dB Indoor		1/10
457203	Tap 5...1218MHz "F" 4W 11dB Indoor		1/10
457303	Tap 5...1218MHz "F" 4W 14dB Indoor		1/10
457403	Tap 5...1218MHz "F" 4W 17dB Indoor		1/10
457503	Tap 5...1218MHz "F" 4W 20dB Indoor		1/10
457603	Tap 5...1218MHz "F" 4W 23dB Indoor		1/10
457703	Tap 5...1218MHz "F" 4W 26dB Indoor		1/10
457803	Tap 5...1218MHz "F" 8W 12dB Indoor		1/10
457903	Tap 5...1218MHz "F" 8W 14dB Indoor		1/10
458003	Tap 5...1218MHz "F" 8W 17dB Indoor		1/10
458103	Tap 5...1218MHz "F" 8W 20dB Indoor		1/10
5...1000MHz			
4519	Tap 5...1000MHz "F" 1W 17dB Indoor		1/10
4560	Tap 5...1000MHz "F" 2W 4dB Indoor		1/10
4561	Tap 5...1000MHz "F" 2W 8dB Indoor		1/10
4567	Tap 5...1000MHz "F" 2W 26dB Indoor		1/10
4577	Tap 5...1000MHz "F" 4W 26dB Indoor		1/10
4579	Tap 5...1000MHz "F" 8W 14dB Indoor		1/10
ACCESSORIES			
545501	Face Plate White 93x74x21mm	Ⓜ	10
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	Ⓑ	1/5
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	Ⓒ	1/5
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4058	Terminal Load "F" 75Ohm without DC Blocked		10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box		100
TAPS WITH "F" TAP PORTS & 5/8" IN/OUT PORTS CONNECTORS (OUTDOOR)			
5...1000MHz			
4611	Tap 5...1000MHz "F" Tap Ports & 5/8" In/Out Ports 2W 35dB Outdoor		1



▲ 456103

▲ 451803



▲ 457503



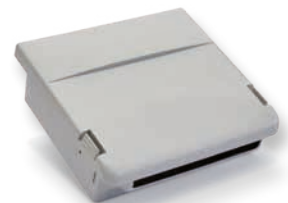
▲ 458003



▲ 545501



▲ 4177



▲ 4163



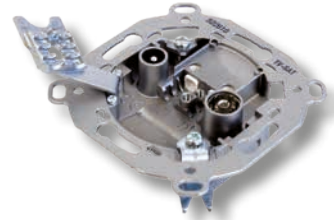
▲ 4611

DISTRIBUTION

Ref.	Description		
OUTLETS			
END OUTLETS			
5232	End Outlet Diplexed 5...1000MHz, TV-FM 0.5-3dB without DC Pass		10/100
5226	End Outlet Diplexed 5...862/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass		10/100
522610	End Outlet Diplexed 5...790/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass	LTE790	10/100
5276	End Outlet Diplexed 5...862/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass (without Clamps)		10/100
527610	End Outlet Diplexed 5...790/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass (without Clamps)	LTE790	10/100
524603	End Outlet Triplexed 5...2400MHz, TV-FM-SAT 4-4-1.5dB with DC Pass		10/100
524501	End Outlet Triplexed 5...2400MHz, TV/FM-SAT1-SAT2 1-1.5-1dB with DC Pass		10/100
5250	End Outlet Triplexed 5...2150MHz, TV-FM-SAT/DATA 5-3.8-6.5/4.5dB with DC Pass		10/100
5270	Through Outlet Bridged (Chassis Only)		10/100
5...790/862MHz - LOW THROUGH LOSSES			
5230	End Outlet 5...862MHz, TV-FM 4.5-18dB without DC Pass		10/100
5231	Through Outlet 5...862MHz, TV-FM 9.5-24dB without DC Pass		10/100
523110	Through Outlet 5...790MHz, TV-FM 9.5-24dB without DC Pass	LTE790	10/100
5...1000MHz			
5232	End Outlet Diplexed 5...1000MHz, TV-FM 0.5-3dB without DC Pass		10/100
5233	Through Outlet 5...1000MHz, TV-FM 7-26dB without DC Pass		10/100
5...2150MHz			
5229	End Outlet Splitter 5...2150MHz,TV/FM-SAT 4-5dB with DC Pass (Floor 1)		10/100
5228	Through Outlet Diplexed 5...2150MHz,TV/FM-SAT 8.5-10dB with DC Pass (Floors 2)		10/100
5227	Through Outlet Splitter 5...2150MHz,TV/FM-SAT 13-14dB with DC Pass (Floors 3...5)		10/100
5236	Through Outlet Splitter 5...2150MHz,TV/FM-SAT 20-24dB with DC Pass (Floors 6...12)		10/100
MULTIMEDIA			
524001	End Outlet Multimedia 5...1218MHz, TV-FM-DATA 8-7-3.6dB		10/100
524701	Through Outlet Multimedia 5...1218MHz, TV-FM-DATA 12-14.5-12dB		10/100
524801	Through Outlet Multimedia 5...1218MHz, TV-FM-DATA 19-20-17.5dB		10/100
5249	Through Outlet Multimedia 5...1218MHz, TV-FM-DATA 23.5-23-22dB		10/100
ACCESSORIES			
80x80mm			
5441	Face Plate White for TV-R Outlet	Ⓜ	10
5440	Face Plate White for TV/R-SAT Outlet	Ⓜ	10
544302	Face Plate White for TV-R-SAT Outlet	Ⓜ	10
5275	Face Plate White for TV-R-SAT-DATA Outlet	Ⓜ	10
527402	Face Plate White for TV/R-SAT-DATA Outlet	Ⓜ	12
5442	Back Box White for Surface Mounting Outlet	Ⓜ	10
85x85mm			
544002	Face Plate White for TV/R-SAT Outlet	Ⓜ	10
544301	Face Plate White for TV-R-SAT Outlet	Ⓜ	10



▲ 524501



▲ 522610



▲ 524603



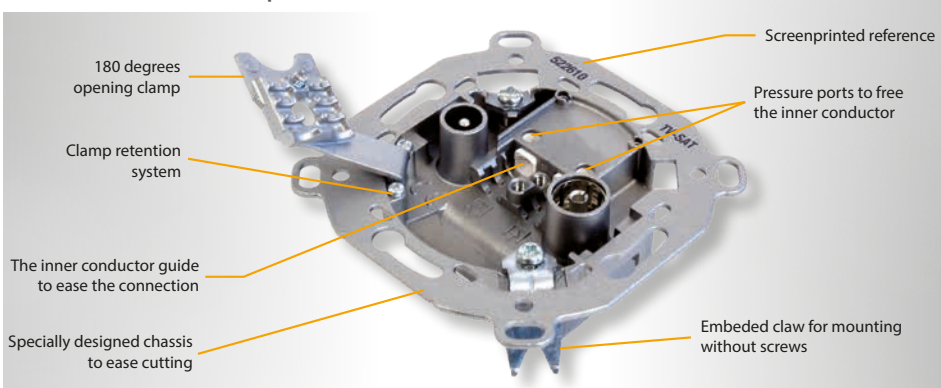
▲ 5250 + 5275



▲ 544302

▲ 5442

Outlets: General technical specifications



- A simple push is enough to connect the inner conductor, no screws needed.
- Support an inner conductor with diameters ranging: from Ø 0.65 to Ø 1.2 mm.
- Support an outdoor cable with a diameter ranging: from Ø 5 to Ø 6.9 mm.
- Allows the visualization of the connection.
- Compliant with the European guidelines 2014/30/EU, 2014/35/EU y RoHS 2011/65/EU.
- The outlets with data connection are compatible with DOCSIS 3.0.

Ref.	Description	
CONNECTORS		
"IEC" - Ø 9.5mm		
4130	"IEC" Ø 9.5mm Connector Male Elbowed Shielded	25/250
4131	"IEC" Ø 9.5mm Connector Female Elbowed Shielded	25/250
413210	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded	25/250
413310	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded	25/250
"F"		
413410	"PRO EasyF" "Quick F" Connector Elbowed Class A+ Shielded	25/250
4176	"Quick F" Connector Elbowed Shielded	25/250
3802	"F" Connector Compression for TSH Triple Shielded Cables (SK), Plastic Box	50/500
410901	"F" Connector Compression Elbowed for T-100 & CXT-60 Cables	25
410701	"Quick F" Connector Compression Elbowed for T-100 & CXT-60 Cables, Plastic Box	25/250
4104	"F" Connector Compression for T-100 Cable, Plastic Box	50/500
4105	"F" Connector Compression for CXT-5 (Ø 5mm) Cable, Plastic Box	50/500
4106	"F" Connector Compression for TR-165 Cable, Plastic Box	25/250
417102	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	50
417101	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	100/1000
4127	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable	30/720
3808	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable, Plastic Box	100/1000
9349	"F" Connector Threaded for TR-165 Cable	10/100
★ 934650	"F" Connector Threaded for CXT-50 Cable, Plastic Box	50
4120	"F" Connector for 1/2" Cable	1/20
SCATV 5/8"		
4122	5/8" Connector with O-ring for TR-165 Ø 11mm Cable	1
ACCESSORIES		
405701	Twin Adapter "EasyF" Male - "F" Female	10
4066	Joint Connector for Coaxial Cable	25
3821	Adapter "Quick F" Male - "F" Male, Plastic Box	50/500
4173	Adapter "F" Female - "F" Female	10/200
★ 381730	Elbowed Adapter "F" Female - "IEC" Male, Plastic Box	50
4123	Adapter 5/8" Male - "F" Female	1/20
4071	DC Blocker "F"	10
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4058	Terminal Load "F" 750hm without DC Blocked	10/200
405802	Terminal Load "F" 750hm without DC Blocked, Plastic Box	100
4087	Terminal Load "EasyF" 750hm with DC Blocked	25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box	100
★ 418001	Weatherproof Cap for "F" Compression & Crimp Connectors	10/250
KITS		
★ 216401	Connection Kit for TSH Coaxial Cables - Carrying case which includes: 50x"F" Compression Connectors (Ref. 3802), 1xCable Stripper (Ref. 2145), 1xCompression tool (Ref. 216301), 1xHEX-11 Wrench (Ref. 216101) and 10xCaps (Ref. 418001)	1
★ 216403	Connection Kit for T100 Coaxial Cables - Carrying case which includes: 50x"F" Compression Connectors (Ref. 4104), 1xCable Stripper (Ref. 2145), 1xCompression tool (Ref. 216301), 1xHEX-11 Wrench (Ref. 216101) and 10xCaps (Ref. 418001)	1
TOOLS		
216101	Hex-11 Wrench for "F" Connectors	1/250
216120	Tightening Tool for "F" Connectors	1
2163	Tool for "F" Compression Connectors	1
★ 216301	Tool for "F" Straight Compression Connectors	1
216310	Insertion Tool for "F" Compression Connectors	1

PRO EasyF Class A+ CONNECTORS

THE EXCEPTIONAL SCREENING FOR A COAXIAL NETWORK

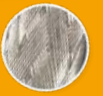


COAXIAL CABLE

Ref.	Description			
COAXIAL CABLES				
CU INNER CONDUCTOR / CuSn BRAID (CLASS A++ TRIPLE SHIELDED)				
EN 50117-2-4 / B2ca				
413910	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White	○	Ⓜ	100
413911	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White	○	Ⓜ	250
413912	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White	Ⓜ	Ⓜ	500
EN 50117-2-4 / Cca				
414901	Coaxial Cable SK2015plus LSFH UV Resistant Cca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White	○	Ⓜ	100
414902	Coaxial Cable SK2015plus LSFH UV Resistant Cca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White	○	Ⓜ	250
EN 50117-2-4 / Eca				
4138	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White	○	Ⓜ	100
413802	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White	○	Ⓜ	250
413801	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White	Ⓜ	Ⓜ	500
CU INNER CONDUCTOR / CuSn BRAID (CLASS A+ TRIPLE SHIELDED)				
EN 50117-2-5 / Dca				
414002	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black	○	Ⓟ	100
414003	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black	○	Ⓟ	250
414004	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black	Ⓜ	Ⓟ	500
EN 50117-2-4 / Eca⁽¹⁾				
413501	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White	○	Ⓜ	100
413502	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White	○	Ⓜ	250
413503	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White	Ⓜ	Ⓜ	500
413708	Coaxial Cable SK110plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White	Ⓜ	Ⓜ	250
413707	Coaxial Cable SK110plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm Black	Ⓜ	Ⓟ	250
CU INNER CONDUCTOR / CU BRAID / BCT-C-H (CLASS A)				
EN 50117-2-4 / Eca				
214102	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White	○	Ⓜ	100
214104	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White	○	Ⓜ	250
214108	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm Black	○	Ⓟ	100
EN 50117-2-4 / Dca				
215101	Coaxial Cable T-100plus LSFH Dca Class A 16VRtC Ø 1.12/4.7/6.6mm Grey	○	Ⓞ	100
EN 50117-2-5 / Fca				
215501	Coaxial Cable T-100plus PE Fca Class A 16PRtC Ø 1.13/4.8/6.6mm Black	○	Ⓟ	100
215502	Coaxial Cable T-100plus PE Fca Class A 16PRtC Ø 1.13/4.8/6.6mm Black	Ⓜ	Ⓟ	250
CU INNER CONDUCTOR / CU+AL BRAID				
EN 50117-2-4 / Eca				
2138	Coaxial Cable CXT PVC Cu/Cu+Al 18VRtC Ø 1.00/4.8/6.6mm White	○	Ⓜ	100
213802	Coaxial Cable CXT PVC Cu/Cu+Al 18VRtC Ø 1.00/4.8/6.6mm White	○	Ⓜ	250
2139	Coaxial Cable CXT PVC Cu/Cu+Al 18VRtC Ø 1.00/4.8/6.6mm Black	○	Ⓟ	100

TRIPLE SHIELDED CABLES

The Trishield cable provides the greatest immunity against interferences. Its use is specially recommend when trying to avoid interference.



COVERAGE UP TO 82%



SK2020plus (4139xx)

CLASS A++
B2ca

An exceptional TSH cable with high screening attenuation, that offers an A++ Class.

Additionally, due to its LSFH outer sheath, it complies with the requirements for CPR class B2ca, so it has a very low fire hazard.



SK2015plus (4149xx)

CLASS A++
Cca

SK2000plus (4138xx)

CLASS A++
Eca



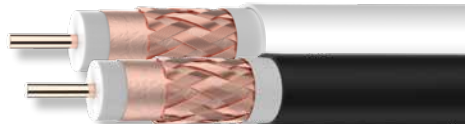
SK2003plus (4140xx)

CLASS A+
Dca



▲ SK110plus (4137xx)

CLASS A+
Eca



▲ T-100plus (214102/04/08)

CLASS A
Eca

CENELEC Standard:

EN 50117-2-1: Indoor Cable 5...1000MHz

EN 50117-2-4: Indoor Cable 5...3000MHz

EN 50117-2-5: Outdoor Cable 5...3000MHz

(1) Braid coverage:

SK125plus cable (4135xx) = 60%

SK110plus cable (4137xx) = 55%

COAXIAL CABLE

Ref.	Description			
COAXIAL CABLES				
CU INNER CONDUCTOR / AL BRAID (CLASS A+ TRIPLE SHIELDED)				
EN 50117-2-4 / Eca				
413601	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			100
413602	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			250
413603	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			500
CU INNER CONDUCTOR / AL BRAID / BCT-C-H (CLASS A)				
EN 50117-2-4 / Eca				
2126	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White			100
212601	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White			250
212602	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm Black			250
2128	Coaxial Cable CXT PVC Eca Class A 19VAtC Ø 1.00/4.5/6.5mm White			100
212801	Coaxial Cable CXT PVC Eca Class A 19VAtC Ø 1.00/4.5/6.5mm White			250
EN 50117-2-4 / Dca				
212811	Coaxial Cable CXT LSFH Dca Class A 19VAtC Ø 1.00/4.5/6.5mm Grey			250
EN 50117-2-5 / Fca				
212501	Coaxial Cable T-100 PE Fca Class A 16PatC Ø 1.13/4.8/6.6mm Black			100
212502	Coaxial Cable T-100 PE Fca Class A 16PatC Ø 1.13/4.8/6.6mm Black			250
CCS (Cu+Ac) INNER CONDUCTOR / AL BRAID (CLASS A+ TRIPLE SHIELDED)				
EN 50117-2-4 / Eca				
414801	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			100
414802	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			250
414803	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			500
CCS (Cu+Ac) INNER CONDUCTOR / AL BRAID (CLASS A)				
EN 50117-2-4 / Eca				
2127	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White			100
212703	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White			250
212704	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White			500
212701	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm Black			100
212702	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm Black			250
CCS (Cu+Ac) INNER CONDUCTOR / AL BRAID (CLASS A)				
EN 50117-2-1 / Eca				
210102	Coaxial Cable CXT-50 PVC Eca Class A 23VAtC.A Ø 0.8/3.8/6.0mm White			250
210202	Coaxial Cable CXT-60 PVC Eca Class A 19VAtC.A Ø 1.00/4.7/6.9mm White			250
UNDERGROUND CABLES				
CU INNER CONDUCTOR / CU BRAID				
EN 50117-2-5 / Fca				
2140	Coaxial Cable 1/2" PE Fca Class A 7PRtC Ø 2.7/11.5/15.0mm Black			500
214901	Coaxial Cable TR-165 PE Fca Class A 11PRtC Ø 1.63/7.2/10.1mm Black			250
MICROCABLE				
CU INNER CONDUCTOR / CuSn BRAID (CLASS A/B)				
EN 50117-2-4 / Eca				
210601	Coaxial Cable CXT-5 PVC Eca Class A 24VAtC Ø 0.8/3.5/5.0mm White			150
210603	Coaxial Cable CXT-5 PVC Eca Class B 24VAtC Ø 0.8/3.5/5.0mm White			100
ACCESSORIES				
2145	Professional Coaxial Cable Stripper			10
2162	Coaxial Cable Stripper (Bag B2)			10
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (plastic drums) ⁽¹⁾			1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (plastic drums) ⁽²⁾			1



▲ SK100plus (4136xx)

CLASS A+
Eca



▲ T-100 (2126, 212601)

CLASS A
Eca



CLASS A
Dca

▶ 212811



▲ SK6Fplus (4148xx)

CLASS A+
Eca



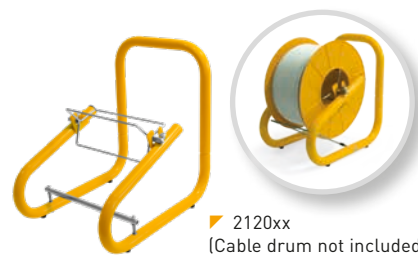
▲ 1/2" (2140)

CLASS A
Fca



▲ TR-165 (214901)

CLASS A
Fca



▶ 2120xx
(Cable drum not included)



▶ MORE INFORMATION ABOUT CPR:
me.televés.com/cpr

(1) For coaxial cable in 100m plastic drum.

(2) For coaxial cable in 250m plastic drum.

CENELEC Standard:

EN 50117-2-1: Indoor Cable 5...1000MHz

EN 50117-2-4: Indoor Cable 5...3000MHz

EN 50117-2-5: Outdoor Cable 5...3000MHz

COAXIAL CABLE

Coaxial cable: technical specifications

References		41391x	21410x	4138xx	4140xx	4135xx	4137xx	21410x	21550x	215101	2138xx 2139	4136xx
Type		SK2020plus Class A++	SK2015plus Class A++	SK2000plus Class A++	SK2003plus Class A+	SK125plus Class A+	SK110plus Class A+	T-100plus Class A	T-100plus Class A	CXT	SK100plus Class A+	
Inner Conductor	∅ mm	1.05	1.05	1.02		1.02		1.13	1.12	1.00	1.02	
	Material	Cu	Cu	Cu		Cu		Cu	Cu	Cu	Cu	
	Res. Ohm/Km	22	22	22		22		<20	18	<23	<22	
Dielectric	∅ mm	4.6	4.6	4.6		4.6		4.8	4.7	4.8	4.6	
	Material	PEE	PEE	PEE		PEE		PEE	PEE	PEE	PEE	
Over Lapped Foil	Material	B	B	B		B		C	C	C	B	
Braid	Material	CuSn (98% Cu)	CuSn (98% Cu)	CuSn (98% Cu)		CuSn (98% Cu)		Cu	Cu	CCA	Al	
	Coverage %	82	82	82		60	55	73	73	35	60	
	Res. Ohm/Km	<11	<11	10.5		15.0		<12	≤14	<35	<22	
Anti-migrating Film		No	No	No		No		Yes	Yes	No	No	
2 nd shielding foil		Yes	Yes	Yes		Yes		No	No	No	Yes	
Petro-Jelly		No	No	No		No		No	No	No	No	
Outer sheath	∅ mm	6.9	6.9	6.7		6.7		6.6	6.6	6.6	6.7	
	Material	LSFH UV Resistant	LSFH UV Resistant	PVC	LSFH UV Resistant	PVC		PVC	PE	LSFH	PVC	PVC
Minimum bending radius	mm	34.5	34.5	33.5		33.5		33	33	33	33.5	
Shielding at 1GHz	dB	>105	>105	>95		>95		>85	>85	>75	>95	
Capacitance	pF/m	54	54	54		54		55	55	55	53	
Impedance	Ohm	75	75	75		75		75	75	75	75	
Velocity Ratio	%	84	84	84		84		82	82	82	82	
Attenuations (dB/m)												
Frequency (MHz)	200	0.09	0.09	0.09		0.09		0.08	0.08	0.09	0.09	
	500	0.14	0.14	0.14		0.14		0.13	0.13	0.14	0.14	
	800	0.18	0.18	0.18		0.18		0.16	0.16	0.18	0.18	
	1000	0.21	0.21	0.21		0.21		0.19	0.19	0.20	0.21	
	1350	0.25	0.25	0.25		0.25		0.22	0.22	0.24	0.25	
	1750	0.28	0.28	0.28		0.28		0.25	0.25	0.28	0.28	
	2050	0.31	0.31	0.30		0.31		0.28	0.28	0.30	0.30	
2300	0.32	0.32	0.32		0.32		0.30	0.30	0.32	0.32		

References		2126xx	2125xx	4148xx	2128 212801	212811	2127xx	210102	210202	210601	210603	2140	214901
Type		T-100 Class A	SK6Fplus Class A+	CXT Class A	CXT-1 Class A	CXT-50 Class A	CXT-60 Class A	CXT-5 Class A	CXT-5 Class B	1/2" Class A	TR-165 Class A		
Inner Conductor	∅ mm	1.13	1.02	1.00		1.00	0.80	1.00	0.80	2.70	1.63		
	Material	Cu	CCS	Cu		CCS	CCS	CCS	Cu	Cu	Cu		
	Res. Ohm/Km	<20	<110	<23		<120	<140	<95	<37	3.2	<9		
Dielectric	∅ mm	4.8	4.6	4.5		4.7	3.8	4.7	3.5	11.5	7.2		
	Material	PEE	PEE	PEE		PEE	PEE	PEE	PEE	PEE	PEE		
Over Lapped Foil	Material	A	B	B		B	A	A	A	C	D		
Braid	Material	Al	Al	Al		Al	Al	Al	TCCAM	Cu	Cu		
	Coverage %	77	60	79		77	75	77	74	55	53	70	
	Res. Ohm/Km	<27	<30	<31		<30	<32	<30	<28	<35	7	<7.2	
Anti-migrating Film		No	No	No		No	No	No	No	No	No		
2 nd shielding foil		No	Yes	No		No	No	No	No	No	No		
Petro-Jelly		No	No	No		No	No	No	No	Yes	Yes		
Outer sheath	∅ mm	6.6	6.8	6.5		6.7	6.0	6.9	5.0	15.0	10.1		
	Material	PVC	PE	PVC	PVC	LSFH	PVC	PVC	PVC	PVC	PE	PE	
Minimum bending radius	mm	33	34	33		33	30	34.5	25	75	50		
Shielding at 1GHz	dB	>85	>85	>85		>85	>85	>85	>85	>75	>85		
Capacitance	pF/m	52	53	54		54	54	54	53	55	53		
Impedance	Ohm	75	75	75		75	75	75	75	75	75		
Velocity Ratio	%	85	82	82		82	82	82	82	82	84		
Attenuations (dB/m)													
Frequency (MHz)	200	0.08	0.10	0.09		0.09	0.11	0.09	0.11	0.03	0.05		
	500	0.13	0.15	0.14		0.15	0.18	0.15	0.18	0.05	0.09		
	800	0.16	0.19	0.19		0.17	0.23	0.19	0.24	0.07	0.11		
	1000	0.19	0.22	0.21		0.23	0.26	0.21	0.26	0.08	0.13		
	1350	0.22	0.26	0.25		0.27	0.30	0.25	0.30	0.10	0.15		
	1750	0.25	0.29	0.29		0.32	0.35	0.29	0.35	0.12	0.18		
	2050	0.28	0.31	0.32		0.35	0.38	0.32	0.37	0.13	0.19		
2300	0.30	0.33	0.35		0.37	0.41	0.34	0.39	0.14	0.24			

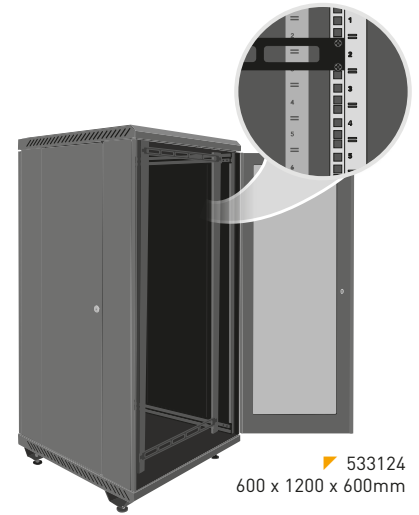
Sheath **Environment**
PVC Indoor
PE Outdoor
LSFH Special (Low Smoke Free Halogen)

Over Lapped Foil composition Environment
A Aluminium + Polyester + Aluminium
B Aluminium + Polyester
C Copper + Polyester
D Aluminium + Polypropylene

Other abbreviations
PE Polyethylene
PEE Foam Polyethylene
PVC Polyvinyle Chloride
Al Aluminium
Cu Copper
CCS Copper Clad Steel
CuSn Tinned Copper
TCCAM Tinned Copper Clad Aluminium Magnesium

DATA ENCLOSURES AND CABLES

Ref.	Description	
RACKS, ENCLOSURES AND UAP		
RACKS AND ACCESSORIES		
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side Wall/Ground Mount	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side Wall/Ground Mount	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side Wall/Ground Mount	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side Wall/Ground Mount	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side Ground Mount	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533153	T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533154	Cable Management for Rack 19" 1RU, 5 Holes	1
533156	Cable Management for Rack 19" 1RU, 5 Rings	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
★ 533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533161	Blank Panel for Rack 19" 1RU	1
533163	Blank Panel for Rack 19" 3RU	1
533165	Blank Panel for Rack 19" 5RU	1
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units)	1
ENCLOSURES		
546601	Closed Main Terminal Enclosure for Data/Coaxial Distribution (Up to 48 connections)	1
546610	Open Main Terminal Panel for Data/Coaxial Distribution (Up to 24 connections)	1
546701	Data/Coaxial/Fibre Network Terminal Enclosure	1
546620	Coaxial Adapter Support "F" Female - "F" Female, for Panels (Ref. 546610)	1
UAP (User Access Point)		
546501	Passive Multiplexer "RJ45" 1Male-9Females with 0.2m LSFH Lead	1
209910	Data Terminal Box with 1 Cat.-6 Female RJ45 Connector	5



533124
600 x 1200 x 600mm



533157



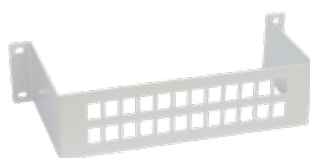
533113



546601
300 x 340 x 265mm



546701
600 x 500 x 80mm



546610



546620



546501



209910



533150



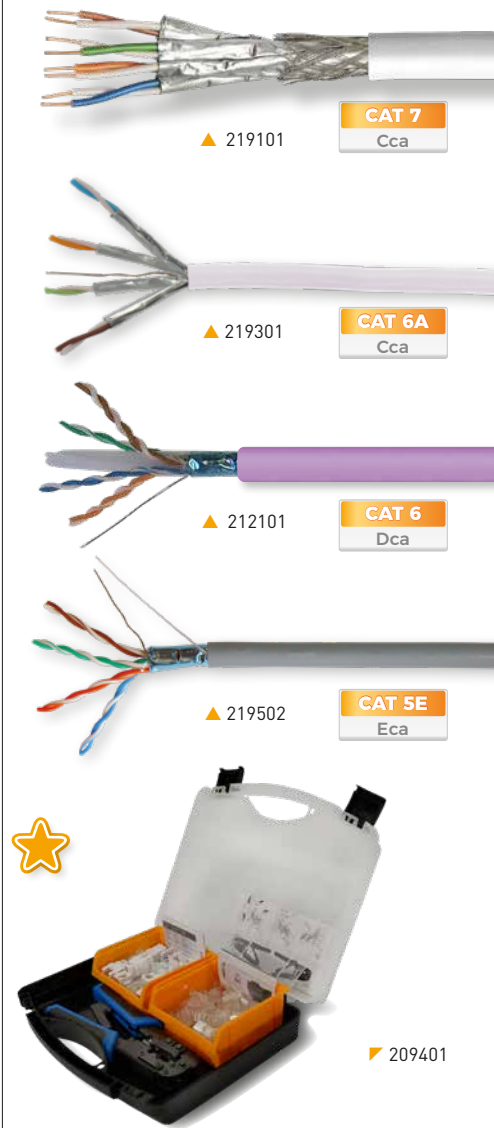
533151



533154

DATA ENCLOSURES AND CABLES

Ref.	Description		
DATA CABLES			
CAT 7			
Cca			
219101	Data Cable S/FTP Cat.-7 Cca Cu LSFH Ø 7.4mm White	W	305
CAT 6A			
Cca			
219301	Data Cable U/FTP Cat.-6A Cca Cu LSFH Ø 6.9mm White	W	305
CAT 6			
Dca			
212101	Data Cable F/UTP Cat.-6 Dca Cu LSFH Ø 7.2mm Violet	V	500
2123	Data Cable U/UTP Cat.-6 Dca Cu LSFH Ø 6.2mm Violet	V	305
212302	Data Cable U/UTP Cat.-6 Dca Cu LSFH Ø 6.2mm Violet	V	1000
Eca			
212310	Data Cable U/UTP Cat.-6 Eca Cu LSFH Ø 6.2mm Violet	V	305
2199	Data Cable U/UTP Cat.-6 Eca Cu PVC Ø 6.2mm White	W	305
Fca			
212201	Data Cable U/UTP Cat.-6 Fca Cu PE Ø 6.2mm White	W	305
CAT 5E			
Eca			
219502	Data Cable F/UTP Cat.-5E Eca Cu LSFH Ø 6.3mm Grey	G	305
219602	Data Cable U/UTP Cat.-5E Eca Cu LSFH Ø 5.5mm Grey	G	305
Fca			
219701	Data Cable U/UTP Cat.-5E Fca Cu PE Ø 5.5mm Black	B	305
DATA CONNECTORS			
209901	Data Connector RJ45 UTP Cat 6 Female, Plastic Box		15
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box		50
KIT			
★ 209401	Kit – Carrying case which includes: 50xRJ45 UTP Cat.-6 Male connectors (Ref. 209902), 15xRJ45 UTP Cat.-6 Female connectors (Ref. 209901) and 1xCrimping tool (Ref. 209801)		1
TOOLS			
209801	Crimping Tool RJ45/RJ11/RJ12 and 4P4C/4P2C		1



Data cables: technical specifications

References		219101	219301	212101	2123 212302	2199	212310	212201	219502	219602	219701
Type		S/FTP	U/FTP	F/UTP	U/UTP	U/UTP	U/UTP	U/UTP	F/UTP	U/UTP	U/UTP
Category		7	6A	6	6	6	6	6	5E	5E	5E
Euroclass		Cca	Cca	Dca	Dca	Eca	Eca	Fca	Eca	Eca	Fca
Conductor	Ø mm	0.55	0.55	0.55	0.55	0.55	0.51	0.55	0.51	0.5	0.5
	Material	Solid copper									
Conductor type	AWG	23	23	23	23	23	24	23	24	24	24
Conductor isolation	Ø mm	1.3	1.3	0.95	0.95	0.95	0.92	0.95	0.95	0.95	0.85
	Material	Polyethylene									
Filler	Crucifix	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No
Shielding foil	Material	Aluminium + Polyester				N/A	N/A	N/A	Al + Polyester	N/A	N/A
Outer shielding braid	Material	Tinner copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ground cable	Ø mm	N/A	Tinner copper	CCS	N/A	N/A	N/A	N/A	CCS	N/A	N/A
	Material	N/A	0.4	0.4	N/A	N/A	N/A	N/A	0.4	N/A	N/A
Outer sheath	Ø mm	7.4	6.9	7.2	6.2	6.2	6	6.2	6.3	5.5	4.9
	Material	LSFH	LSFH	LSFH	LSFH	PVC	LSFH	PE	LSFH	LSFH	PE
	Thickness (mm)	0.7	0.7	0.6	0.5	0.5	0.52	0.55	0.67	0.6	0.6
	Color	White	White	Violet	Violet	White	Violet	White	Grey	Grey	Black
Rip cord		No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spark Test	VAC	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Nominal impedance	Ohm	100	100	100	100	100	100	100	100	100	100
Max. conductor resistance	Ohm/km	< 93,8	< 93,8	< 117	< 117	< 117	< 117	< 117	< 117	< 117	< 117
Nominal speed	%	79	79	72	72	72	72	72	69	69	69
Working voltage	V	125	125	300	300	300	300	300	300	300	300
Operating temperature	°C	-25 ... +70	-25 ... +70	-25 ... +70	-25 ... +70	-25 ... +70	-25 ... +70	-40 ... +70	-25 ... +70	-25 ... +70	-40 ... +70

Al: Aluminium

CCA: Copper Clad Aluminium

CCS: Copper Clad Steel

PE: Polyethylene

PVC: Polyvinyl Chloride

LSFH: Low Smoke Free of Halogen

SET TOP BOXES & HOME ACCESSORIES

Ref.	Description	
DTH STBs		
SATELLITE TV		
717402	Satellite Digital Set-top Box FTA DVB-S/S2 (S/PDIF + SCR1/2)	1/10
717501	Satellite Digital Set-top Box FTA "zAs HD SAT" (FreeSat)	1/10
TERRESTRIAL TV		
★ 717802	HD Terrestrial Digital Set-top Box DVB-T/T2	1/10
★ 991001	Remote Control for HD DVB-T/T2 Set-top Box (Ref. 717802)	1
MODULATORS		
585401	DiMod HD Encoder/Modulator DVB-T/DVB-C. 1i: HDMI/USB - 1 Mux(47...862MHz): CODFM/QAM (MPEG2/4) Configurable by WiFi.	1
640301	Wall Mount	1
5858	Domestic Modulator with Display (VHF/UHF)	1
4377	SCART-2RCA Cable Male-Male 1.5m Black (Blister T1)	10 B
AUDIO/VIDEO & IR TRANSMISSION		
716701	Digidom Transmitter + Receiver HDMI 5GHz	1/10
IR OVER RF TRANSMISSION		
723703	Digidom Universal Transmitter + Receiver, Remote Control Extender, 8 Channels	1/30
721903	Digidom Universal Transmitter, Remote Control Extender, 8 Channels	1/50
IR OVER COAXIAL CABLE TRANSMISSION		
7605	Transmitter + Receiver Remote Control Extender over Coaxial Cable	1/6
7606	Single Transmitter Remote Control Extender over Coaxial Cable	1/10

DIMOD



MULTI-STANDARD HD ENCODER / MODULATOR

With a domestic design, DiMod generates a digital multiplex from **one high definition audio/video source**. It is configurable with a **smartphone, tablet or PC wirelessly** with an user friendly embedded web interface.



▲ 640301



▲ 717402



▲ 717501



▲ 723703



▲ 716701



▲ 5858

MEASURING EQUIPMENT

Ref.	Description	
FIELD STRENGTH METERS		
H30FLEX		
593301	H30FLEX: DVB-S/S2 + DVB-T	1
★ 593311	H30FLEX: DVB-S/S2/T (Carrying Case and Coaxial Cable Lead included)	1
593302	H30FLEX: DVB-S/S2 + DVB-T/T2	1
★ 593312	H30FLEX: DVB-S/S2/T/T2 (Carrying Case and Coaxial Cable Lead included)	1
593303	H30FLEX: DVB-S/S2 + DVB-C	1
★ 593313	H30FLEX: DVB-S/S2/C (Carrying Case and Coaxial Cable Lead included)	1
593304	H30FLEX: DVB-S/S2 + DVB-T/T2 + DVB-C	1
★ 593314	H30FLEX: DVB-S/S2/T/T2/C (Carrying Case and Coaxial Cable Lead included)	1
H30FLEX OPTIONS		
593231	Option DVB-T	1
593232	Option DVB-T2 (DVB-T required)	1
593233	Option DVB-C	1
593234	Option dCSS	1
593235	Option Extended Terrestrial Input to 120dBµV	1
593236	Option Analogue A/V Display (Format Adapters and Protective Sleeve included)	1
5909	Calibration of Spectrum Analyzer (Certificate Included) ⁽¹⁾	1
H30EVOLUTION ⁽²⁾		
★ 593501	H30Evolution: DVB-S/S2 + DVB-T	1
★ 593502	H30Evolution: DVB-S/S2 + DVB-T/T2	1
★ 593503	H30Evolution: DVB-S/S2 + DVB-C	1
★ 593504	H30Evolution: DVB-S/S2 + DVB-T/T2 + DVB-C	1
★ 593505	H30Evolution: Full DVB (-S/S2+-T/T2+-C)+IPTV Option+WiFi 2,4/5 GHz Option+HEVC display	1
H30EVOLUTION OPTIONS		
593231	Option DVB-T	1
593232	Option DVB-T2 (DVB-T required)	1
593233	Option DVB-C	1
593234	Option dCSS	1
593235	Option Extended Terrestrial Input to 120dBµV	1
593236	Option Analogue A/V Display (Format Adapters and Protective Sleeve included)	1
★ 593250	Option WiFi Analyzer (2,4/5GHz)	1
★ 593251	Option IPTV Analyzer	1
★ 593252	Option HEVC Display	1
5909	Calibration of Spectrum Analyzer (Certificate Included) ⁽¹⁾	1
H30 (DVB-C)		
593102	H30: DVB-C + Remote Control (Ethernet) + IP Speed Test	1
593104	H30D3: DVB-C + Remote Control (Ethernet) + IP Speed Test + DOCSIS 3.0	1
H30/H30D3 OPTIONS		
593210	Option MPEG Service Information (DVB-C)	1
5909	Calibration of Spectrum Analyzer (Certificate Included) ⁽¹⁾	1
ACCESSORIES FOR H30 SERIES		
593201	Protective Sleeve (Included by Default in H30 and H30D3 models)	1
★ 593204	Weatherproof Protective Sleeve	1
593239	Carrying Case	1
★ 593203	Power Supply Unit 12V - 2A All Plugs	1



▲ 593239

H30EVOLUTION



All the functions you need now in your smartdevice

H30Evolution is a field strength meter that combines the best features of a portable and compact equipment - distinctive of the H30 series - with revolutionary functionalities. Thanks to the innovative multiscreen system based on Wi-Fi/ Bluetooth, the meter may be remotely displayed and controlled using any Android or iOS device or a PC, thus providing the flexibility and convenience of a wireless system.

h30evolution.televes.com

[me.televes.com/h30evolution](https://www.youtube.com/watch?v=me.televes.com/h30evolution)

H30FLEX

All the functions you need in your hand



h30flex.televes.com

[me.televes.com/h30flex](https://www.youtube.com/watch?v=me.televes.com/h30flex)



DOCSIS 3.0

H30D3 (593104)

H30 (593102)

(1) Upgrades to be done in Factory.
(2) Smartphone Armband included.

MEASURING EQUIPMENT

Ref.	Description	
FIELD STRENGTH METERS		
MOSAIQ6		
596101	MOSAIQ6: DVB-T/T2 + DVB-S/S2 + DVB-C, CI, F.O. (Carrying Bag included)	1
★ 596102	MOSAIQ6: DVB-T/T2 + DVB-S/S2 + DVB-C, CI, F.O. (Carrying Case included)	1
596111	MOSAIQ6: DVB-T/T2 + DVB-S/S2 + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)	1
★ 596112	MOSAIQ6: DVB-T/T2 + DVB-S/S2 + DVB-C, CI, Selective F.O. Interface (Carrying Case included)	1
MOSAIQ6 OPTIONS		
596201	Option GPS Drive Test	1
596202	Option WiFi 5GHz	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	1
596205	Option 4K - Ultra High Definition (UHD)	1
5909	Calibration of Spectrum Analyzer (Certificate Included) ⁽¹⁾	1
MOSAIQ6 ACCESSORIES		
★ 596213	Screen Protector	1
596210	Field Replaceable Battery	1
★ 596214	Carrying Case	1
596211	Carrying Bag	1
596212	Adapter "N" Male - "F" Female	1



▲ 596210



▲ 596212

MOSAIQ6

Portable meter with high performance and high accuracy for professional installers.



THE POWER OF USER EXPERIENCE

6 SCREENS IN 1

Thanks to its configurable interface, you choose which widgets (up to 6) you want to simultaneously display in the 8" high resolution screen. Check the installation status at a glance.

A TRUE TOUCH SCREEN

This new interface has been designed and also programmed to take full advantage of a touch screen with touch gestures (tap, double tap, long press, drag, spread or pinch). Only in this way is it possible to operate so easily a meter with so many performances.

mosaiq6.televes.com

[me.televes.com/mosaiq6](https://www.youtube.com/me.televes.com/mosaiq6)



MOSAIQ6: NETWORK TOOLS

Connectivity and network monitoring, in a single interface



This functionality offers several control utilities and network monitoring, which can be displayed in mosaic mode. All network information at the same time, on a single screen (IP, DNS, gateway, connection mode...).

These tools allow you to recognize a network by auditing the response time (latency or ping) and the connection speed (speed test, upload/download).

In addition, they also make easier the detection of connectivity problems by scanning connected equipment (ARP scan) and mapping their ports, whether open or closed, to determine their accessibility (NMAP).



▲ 596213



▲ 596214



▲ 596211

(1) Upgrades to be done in Factory.

MEASURING EQUIPMENT

Ref.	Description	
FIBER OPTIC TOOLS		
KITS		
★ 232105	F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Accessories for fusing Connectors ⁽¹⁾	1
2341	F.O Kit: Connector & Mechanical Splicer + Stripper (Ref. 2324) + Cleaver (Ref. 232301) + Cleaning Tools ⁽²⁾	1
ACCESSORIES		
2327	Splicing Protection Sleeve 60mm for FO fusion	200
232701	Splicing Protection Sleeve 43mm for FO fusion	200
2322	Fiber Mechanical Splicer	1
2328	Fiber Mechanical Splices	10
232301	Cleaver of Fiber Optics	1
232310	Kevlar Scissors for Optical Fibers	1
2325	Stripper for Multi-fiber Cables	1
2324	Precision Stripper for Optical Fibers	1
2329	Connectors of Fiber Optics "SC/APC" (with mounting tool)	10
232910	Cleaner for Fiber Optic Connectors	1
232710	F.O. Cleaning Kit: 50 isopropyl alcohol Wipes + 25 Sticks	1
SIGNAL GENERATORS		
2340	OPS3L Triple Light Source (1310, 1490 & 1550nm)	1
4008	SAT Simulator 950...2150MHz	1
593001	SAT Simulator and Noise Generator 5...3000MHz	1



▲ 2341



▲ 2322



▲ 232301



▲ 593001



▲ 4008



▲ 2340



▲ 2325



▲ 2329



▲ 232910



▲ 232105

(1) Also includes: Spare set of electrodes, tweezers and carrying case.

(2) Also includes: Ref. 2328 (5 units), Ref.2329 (10 units), Ref.232910 (1 unit and a replacement reel), 10 isopropyl alcohol wipes, 10 sticks for connectors cleaning & carrying bag.

DO IT YOURSELF

Ref.	Description			
ANTENNAS				
TERRESTRIAL - with TForce Technology				
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	LTE700	⊙	1/4
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-220mA, UK plug (Single Packing)	LTE700	⊙	1/4
148905	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	LTE790	⊙	1/4
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single Packing)	LTE700	⊙	1
149941	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Single Packing)	LTE790	⊙	1/5
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	LTE700	⊙	1
149740	DAT BOSS LR Terrestrial Antenna UHF (Ch21-60) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	LTE790	⊙	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	LTE700	⊙	1
144012	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	LTE790	⊙	1
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	LTE700	⊙	1
144442	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-60) G 17/16/25/25dBi BOSS ON (Kit with accessories)	LTE790	⊙	1
TERRESTRIAL				
★ 144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF C(5-12/21-48) G -2/10/22dBi BOSS ON (Kit with accessories)	TFORCE / LTE700	⊙	1
144501	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF C(5-12/21-60) G -2/10/22dBi BOSS ON (Kit with accessories)	LTE790	⊙	1
INDOOR SET TOP ANTENNAS - with TForce Technology				
★ 130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	LTE700	⊙	1
★ 130101	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (EU plug)	LTE790	⊙	1
★ 130102	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (UK plug)	LTE790	⊙	1
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	LTE700	⊙	1
130240	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 20dBi (USB-microUSB cable included, for 5V powering)	LTE790	⊙	1
UNIVERSAL SATELLITE				
7506	Sat Kit 830 Digital: ISD Offset Dish 830 Al (Ref. 793101)+ Single LNB (Ref. 7475) + Satellite Digital Set-top Box FTA DVB-S/S2 (Ref. 717402)		⊙	1
7525	Sat Kit 830 Digital with Monoblock: ISD Offset Dish 830 Al (Ref. 793101) +LNB Monoblock (Ref.7611) + Satellite Digital Set-top Box FTA DVB-S/S2 (Ref. 717402)		⊙	1
LNBs				
4365	Single (Universal) LNB Hh/Vh/HI/VI (Blister T1)			6
4332	Twin LNB (2 Outputs Hh/Vh/HI/VI) (Blister T2)			6
HOME ACCESSORIES				
AUDIO/VIDEO & IR TRANSMISSION				
716701	Digidom Transmitter + Receiver HDMI 5GHz			1/10
IR OVER RF TRANSMISSION				
723703	Digidom Universal Transmitter + Receiver, Remote Control Extender, 8 Channels			1/30
721903	Digidom Universal Transmitter, Remote Control Extender, 8 Channels			1/50
IR OVER COAXIAL CABLE TRANSMISSION				
7605	Transmitter + Receiver Remote Control Extender over Coaxial Cable			1/6
7606	Single Transmitter Remote Control Extender over Coaxial Cable			1/10
DIGITAL RECEIVERS				
SATELLITE TV				
717402	Satellite Digital Set-top Box FTA DVB-S/S2 (S/PDIF + SCR1/2)			1/10
717501	Satellite Digital Set-top Box FTA "zAs HD SAT" (FreeSat)			1/10



▲ Ellipse



▲ DiNova BOSS



▲ CampNova BOSS



▲ BEXIA



▲ 7525



▲ 717402

DO IT YOURSELF

Ref.	Description	
LTE FILTERS LTE790		
"IEC" CONNECTOR		
404411	Medium Rejection LTE Filter (MR) "IEC" 470...774MHz UHF (Ch21-58) Indoor (Bag B3)	10
404412	High Rejection LTE Filter (HR) "IEC" 47...790MHz VHF/UHF (Ch21-60) Indoor (Bag B3)	10
MODULATORS		
585401	DiMod HD Encoder/Modulator DVB-T/DVB-C. 1i: HDMI/USB - 1 Mux(47...862MHz): CODFM/QAM (MPEG2/4) Configurable by WiFi.	1
5858	Domestic Modulator with Channel (VHF/UHF)	1
TERRESTRIAL AMPLIFICATION KITS LTE790		
438640	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561601+5796) (Blister T1)	8
438840	NanoKom Mast Amplifier 3i/1o "EasyF" BIII/UHF[dc]-FMmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561501+5796) (Blister T1)	8
POWER SUPPLY UNITS		
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)	8
DOMESTIC AMPLIFIERS		
5530	Domestic Amplifier 1i/(2o+TV) "F" 5..30/47..862/950..2150MHz G(-9)/18/20dB Vo 105/110dB μ V +Output TV Outlet G(-16)/10/12dB (Blister T1)	8
552240	Domestic Amplifier 1i/(2o+TV) "F": 47...790MHz G 20dB Vo 106dB μ V + Output to a TV Outlet G 12dB (Blister T1)	LTE790 8
★ 552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dB μ V + Output to a TV Outlet G 11dB (Blister T1)	LTE700 8
552340	Domestic Amplifier 1i/(4o+TV) "F": 47...790MHz G 16dB Vo 102dB μ V + Output to a TV Outlet G 11dB (Blister T1)	LTE790 8
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dB μ V + Output to a TV Outlet G 11dB (Blister T1)	8
5531	Domestic Amplifier 1i/6o "F": 47...862MHz G 16dB Vo 103dB μ V (Blister T1)	8
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dB μ V (Blister T1)	LTE790 8
552741	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dB μ V (UK plug)	LTE790 5
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47...790MHz G 20dB Vo 106dB μ V + Output TV Outlet G 12dB (Blister T1)	LTE790 8
545720	Domestic Amplifier 1i/(2o+TV) "IEC": 47...694MHz G 20dB Vs 110dB μ V + Output TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700 8
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/782MHz G 20dB Vo 101dB μ V + Output to a TV Outlet G 11dB+ Preamplifier Powering 12V-100mA (Blister T1)	AUTO LTE 8
★ 545802	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dB μ V Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTO LTE 8
5529	Domestic Amplifier 1i/(4o+TV) "IEC": 47..862MHz G 16dB Vo 102dB μ V + Output to a TV Outlet G 11dB (Blister T1)	8
552940	Domestic Amplifier 1i/(4o+TV) "IEC": 47..790MHz G 16dB Vo 102dB μ V + Output to a TV Outlet G 11dB (Blister T1)	LTE790 8
ATTENUATORS		
4315	Adjustable Attenuator "IEC" \emptyset 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)	10
COMBINERS LTE790		
433401	Mast Triplexer 3i/1o: VHF-UHF[dc]-UHF (Blister T2)	8
4340	Combiner MATV-SAT 2i/1o: 5..790-950..2050MHz[dc] (Blister T1)	8
SPLITTERS		
4320	Inductive Splitter "IEC" \emptyset 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)	10
4322	Inductive Splitter "IEC" \emptyset 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)	10
432803	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass O-I (Bag B3)	8
432902	Splitter 5...2400MHz "EasyF" 4W 9/7dB Indoor DC Pass All (Blister T1)	8
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB DC Pass All With Outdoor Mounting Case (Blister T1)	B 10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7dB DC Pass All With Outdoor Mounting Case (Blister T1)	B 8



▲ DiMod



▲ 545802



▲ 438640



▲ 4315

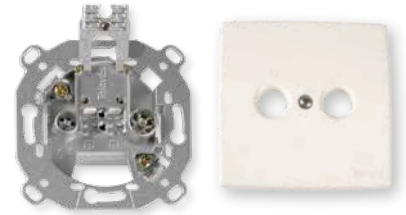


▲ 432803



▲ 434103

Ref.	Description		
OUTLETS			
4335	Bridged Outlet + Face Plate TV-R + Back Box for Surface Mounting Outlet (Blister T1)		8
4336	White Back Box for Surface Mounting Outlet (Blister T1)	W	10
4372	End Outlet 5...862MHz, TV-FM 4.5-18dB w/o DC Pass+ Face Plate (Blister T1)		8
4373	Through Outlet 5...862MHz, TV-FM 9.5-24dB w/o DC Pass+ Face Plate (Blister T1)		8
4301	End Outlet Dplxed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)		8
COAXIAL			
COAXIAL CABLE			
4371	Coaxial Cable PVC Ø 6.6mm White 10m (Blister T2)	W	10
435501	Coaxial Cable PVC Ø 6.6mm White 20m (Reel)	W	1/20
CLASS A++ CABLE LEADS			
3851	Coaxial Cable Lead "F" Compression 1.5m White (Bag B0)	W	30
385101	Coaxial Cable Lead "F" Compression 3m White (Bag B0)	W	20
385102	Coaxial Cable Lead "F" Compression 5m White (Bag B0)	W	15
3852	Coaxial Cable Lead "IEC" Male-Female Compression 1.5m White (Bag B0)	W	30
385201	Coaxial Cable Lead "IEC" Male-Female Compression 3m White (Bag B0)	W	20
385202	Coaxial Cable Lead "IEC" Male-Female Compression 5m White (Bag B0)	W	15
3856	Coaxial Cable Lead "F" - "IEC" Male Compression 1.5m White (Bag B0)	W	30
385601	Coaxial Cable Lead "F" - "IEC" Male Compression 3m White (Bag B0)	W	20
385602	Coaxial Cable Lead "F" - "IEC" Male Compression 5m White (Bag B0)	W	15
3854	Coaxial Cable Lead "F" - "IEC" Female Compression 1.5m White (Bag B0)	W	30
385401	Coaxial Cable Lead "F" - "IEC" Female Compression 3m White (Bag B0)	W	20
385402	Coaxial Cable Lead "F" - "IEC" Female Compression 5m White (Bag B0)	W	15
3853	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 1.5m White (Bag B0)	W	30
385301	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 3m White (Bag B0)	W	20
385302	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 5m White (Bag B0)	W	15
385501	Coaxial Cable Lead "F" Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	W	20
385701	Coaxial Cable Lead "F" Compression - "IEC" Male "PRO EasyF" 3m White (Bag B0)	W	20
3858	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 1.5m White (Bag B0)	W	30
385801	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	W	20
385802	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 5m White (Bag B0)	W	15
CABLE LEADS			
431001	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 1.5m Grey (Blister T1)	G	8
431002	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 2.5m Grey (Blister T1)	G	8
4389	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m White (Blister T1)	W	8
4312	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m Black (Blister T1)	B	8
4311	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m White (Blister T1)	W	8
4314	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m Black (Blister T1)	B	8



▲ 4373



▶ 435501

Cable lead made with SK2000plus, a trishielded high screening cable. **A++**



▶ 3851xx



▶ 3852xx



▶ 3856xx



▶ 4310xx

DO IT YOURSELF

Ref.	Description	
COAXIAL		
COAXIAL CONNECTORS		
437401	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded (Bag B1)	10
437501	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded (Bag B1)	10
437601	Set of "PRO EasyF" "IEC" Ø 9.5mm Connectors Male & Female Elbowed Class A+ Shielded (Bag B1)	10
437410	"IEC" Ø 9.5mm Connector Male Elbowed Shielded (Bag B1)	10
437510	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)	10
437610	Set of "IEC" Ø9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)	10
4303	"IEC" Ø 9.5mm Connector Female Straight (Bag B1)	10
4305	"IEC" Ø 9.5mm Connector Male Straight (Bag B1)	10
4316	Set of "IEC" Ø9.5mm Connectors Male & Female Straight (Bag B1)	10
4307	Adapter "F" Female - "F" Female (Bag B1)	10
4309	Joint Connector for Coaxial Cable (Bag B1)	10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)	10
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)	10
ACCESSORIES		
4360	Opened Clip for Coaxial Cable (25 units) (Bag B1)	10
2162	Coaxial Cable Stripper (Bag B2)	10
FIBER OPTICS CONNECTION		
★ 232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
AUDIO/VIDEO CONNECTION		
4319	SCART Cable Male-Male 21 Pins 1.2m Black (Blister T1)	B 10
4377	SCART-2RCA Cable Male-Male 1.5m Black (Blister T1)	B 10
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	B 8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	B 10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	B 10
494505	HDMI Cable Male-Male 1.5m Black (Bag)	B 100
MAST ACCESSORIES		
4951	Mast Clamp Zinc+RCP Ø 25...45mm (Blister T1)	8
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)	8
4361	Guy Wire Mounting Kit Ø 45mm	5



▲ 437401



▲ 437501



▲ 437410



▲ 437510



▲ 232623



▲ 494501

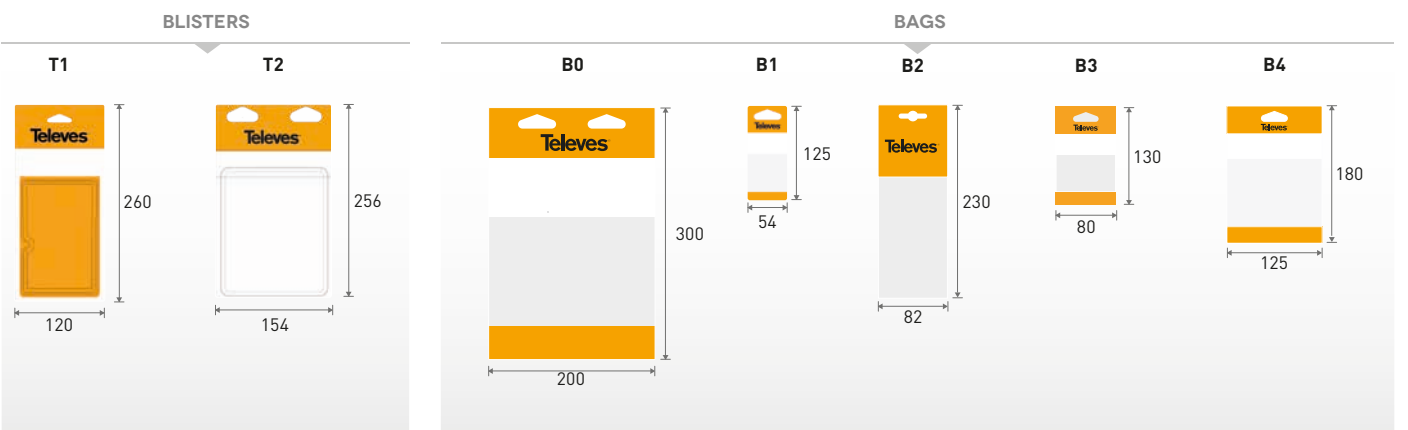


▲ 4951



▲ 4952

Packaging types (mm)



HOSPITALITY

Efficient and ubiquitous internet access in a high capability multiservice network infrastructure.



DATA TECHNOLOGY

Ref.	Description	
NETWORK ELECTRONICS		
ROUTERS		
★ 769110	Network Manager: Router and Firewall, 4x Gb Ethernet	1
★ 769111	Network Manager: Router and Firewall, 6x Gb Ethernet +2SFP	1
★ 769120	Router 12x Gb Ethernet + Configuration of services 19" Rack Mount, 1RU	1
SWITCHES		
★ 769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE, 150W) + 2x SFP (1 Gbps)	1
★ 769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE, 400W) + 4x SFP (1 Gbps)	1
★ 769142	Ethernet Switch L2+: 8x Gb Ethernet + 24 x SFP (1 Gbps) + 4 SFP+ (10 Gbps)	1
★ 769143	Ethernet Switch L3: 32x Gb Ethernet + 8x SFP+ (10Gbps)	1
COAXDATA SERIES		
GIGABIT: 1Gbps		
769301	Transmitter/Receiver Router 1Gbps-HDTV Data over Coaxial, PLC and WiFi (Low Power WiFi option), 3 Ethernet Connectors & 2 "F" Connectors	1
769201	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 2 Ethernet Connectors & 2 "F" Connectors	1
769202	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 1 Ethernet Connector, 1 SFP (Optical Fiber) Connector & 2 "F" Connectors	1
769203	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial, 1 Ethernet Connector & 2 "F" Connectors	1
MANAGEMENT		
769330	CoaxBox Device: Managing and Monitoring for CoaxData Networks	1
ACCESSORIES		
769210	Module SFP 1000Base-X 2 Fibres "LC Duplex"	1
769220	Diplexer Filter 2i/1o "F": LPF(2...68MHz) - HPF(87...2150MHz)	1/10
640301	Wall Mount	1

COAXDATA SERIES



769301

COAXDATA, IMPROVING CURRENT COAXIAL INFRASTRUCTURE

No works required. Data access up to 1 Gbps over television cable.

CoaxData turns the coaxial television network and/or the electricity grid into high-speed data networks. The easy installation together with the use of existing networks allows the hotel to keep operating during commissioning.

This technology supports a fast and easy implementation of value-added services for the guest (Wi-Fi, TV, Extended TV, ArantiaCast, digital signage).

Televés' **Mynet WiFi technology** allows you to configure your CoaxData Wireless Access Point in low power mode, hence the possibility to create network access microcells providing an improved performance to all users connected.



▲ RDATA4 (769110)



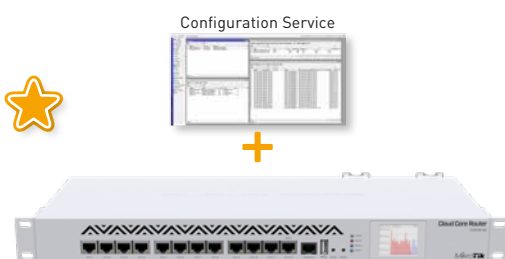
▲ SWIP150-8 (769140)



▲ 769111



▲ 769142



▲ 769120



▲ 769330



▲ 769201



▲ 769202



▲ 769203

Ref.	Description	
FIBREDATA SERIES: GPON (Gigabit-capable Passive Optical Networks)		
GPON HEADENDS		
769401	OLT512: 8x PON + 4x Gb Ethernet + 4x 10Gb Ethernet/Gb Ethernet (Up to 512 users) ⁽¹⁾	1
769420	Modular OLT3072, for 3 16xPON cards and 2 2x10Gb switch cards, (Up to 3072 users) ⁽¹⁾	1
769421	2x10Gb Switch Card (for OLT3072, Ref. 769420)	1
769422	16xPON Card (for OLT3072, Ref. 769420)	1
769601	Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
769410	SFP Module GPON B+ 1 Fiber "SC/PC"	1
769413	SFP Module GPON C+ 1 Fiber "SC/PC"	1
769411	SFP Module Gb Ethernet "RJ45"	1
769412	SFP Module 10Gb Ethernet 2 Fibers "LC Duplex"	1
MONITORING		
★ 769130	Server + Monitoring Software Tool	1
★ 769131	Monitoring Software Tool	1
VIDEO OVERLAY HEADENDS		
234305	T.OX Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm w/o Return Path	1
234811	T.OX Optical Transmitter CATV 1550nm "SC/APC" Po 10dBm w/o Return Path RF Automatic Adjustment and Temperature Stability	1
769801	Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm w/o Return Path 19" Rack Mount, 1RU	1
769812	Optical Transmitter CATV 1550nm "SC/APC" Po 6dBm w/o Return Path External modulation and RF Automatic Adjustment (up to 30Km). DOCSIS 3.1 compatible 19" Rack Mount, 1RU	1
769610	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
769612	Optical Amplifier / Multiplexer "SC/APC" 17dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm 19" Rack Mount, 2RU	1
234220	T.OX Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology)	1
234221	T.OX Optical Amplifier / Multiplexer "SC/APC" 19dBm (EDFA Technology) 2i: 1310/1490nm - 1550nm, 1o: 1310/1490/1550nm	1
234228	T.OX Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
563901	T.OX Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
2337	T.OX Optical Splitter 1260...1650nm "SC/APC" 2W 4dB	1
2339	T.OX Optical Splitter 1260...1650nm "SC/APC" 4W 7dB	1
234401	T.OX Optical Splitter 1260...1650nm "SC/APC" 8W 10dB	1
234501	T.OX Optical Splitter 1260...1650nm "SC/APC" 16W 14dB	1
234601	T.OX Optical Splitter 1260...1650nm "SC/APC" 32W 17dB	1

FIBREDATA SOLUTIONS

TELEVES COST-EFFECTIVE
QUAD PLAY SOLUTIONS OVER
OPTICAL FIBER



▶ OLT3072



▶ OLT512

Compact, reliable, affordable and easy to manage GPON and RF overlay products.

Multiple-play service enabling high speed data, VoIP, 802.11Ac Wi-Fi, video (IPTV and RF overlay) PoE, etc.



▲ 769612



▲ 769812



▲ 769611



▲ 769410



▲ 769413



▲ 769130



▲ 234811


▲ 234220

(1) AC/DC Adapter included.

DATA TECHNOLOGY

Ref.	Description	
FIBREDATA SERIES: GPON (Gigabit-capable Passive Optical Networks)		
DISTRIBUTION		
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
233750	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 2W 4dB	1
233950	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 4W 7dB	1
234450	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 8W 10dB	1
234550	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 16W 14dB	1
234650	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 32W 17dB	1
233850	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 64W 20dB	1
231502	F.O. Patch/Splitting Box 2 to 4 Outs	1
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" - "SC/PC" 0.2m	5
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" - "FC/UPC" 2m (Bag B4)	10
★ 232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
236410	Optical Attenuator 1310/1550nm "SC/APC" 2dB	1
236411	Optical Attenuator 1310/1550nm "SC/APC" 5dB	1
236412	Optical Attenuator 1310/1550nm "SC/APC" 10dB	1
CUSTOMER PREMISE EQUIPMENT: ONT (Optical Network Terminal)		
769507	ONU Basic Module: 1x GB Ethernet	1
★ 769509	Room ONT Module: 4x GB Ethernet/ PoE (25.5W) + 2x FXS, RF Overlay	1
769501	Office ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n	1
769502	Home ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n, RF Overlay	1
★ 769514	Home AC ONT Module: 4x GB Ethernet + 2x FXS + 1x USB, WLAN b/g/n/ac, RF Overlay	1
★ 769510	Wall/Ceiling mount for ONT Ref. 769514	1
OPTICAL MICRO-NODES		
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology (Optical Level Control)	1
WIFI ACCESS POINTS		
WAVEDATA SERIES		
★ 769001	Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
★ 769002	Wireless Access Point WaveData: 1x F.O. SFP, 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
ACCESSORIES		
769210	Module SFP 1000Base-X 2 Fibres "LC Duplex"	1
★ 769212	Kit: 2 SPF Modules 1000Base-X 1 Fibre, 1310+1490nm	1

WAVEDATA SERIES



WIRELESS ACCESS POINT

★ 76900x

WaveData AP provides a high-performance wireless mobility solution for establishments with medium / high density.

It is equipped with the MyNET Wi-Fi technology from Televes, which enables its configuration in low-power mode (Low Power) and provides the most efficient, secure and responsible Internet access possible.



▲ 234650

★ 232624

▲ 232621

Technical Characteristics: ONT+ONU



References	769501	769502	769514	769509	769507
Models	OFFICE	HOME		ROOM	BASIC
RF Overlay	✗	✓	✓	✓	✗
WiFi (802.11 b/g/n) (2x2) 2.4	✓	✓	✓ ⁽¹⁾	✗	✗
WiFi (802.11 b/g/n/ac) (2x2) 2.4/5	✗	✗	✓ ⁽²⁾	✗	✗
USB	2	2	1	2	✗
FXS Ports	2	2	2	2	✗
ETH 10/100/1000BASE-T Ports	4	4	4	4	1
PoE	✗	✗	✗	4	✗
NAT/NAPT	✓	✓	✓	✓	✗
Firewall	✓	✓	✓	✓	✗
VPN pass-through	✓	✓	✓	✓	✗
PPPoE Terminal	✓	✓	✓	✓	✗
OMCI	✓	✓	✓	✓	✗
TR-069	✓	✓	✓	✓	✗
CLI	✓	✓	✓	✓	✗
WebGUI	✓	✓	✓	✓	✗

The Ref.769514 includes: ⁽¹⁾ WiFi (802.11 b/g/n) (3x3) 2.4 ⁽²⁾ WiFi (802.11 n/ac/a) (4x4) 5

ARANTIA.TV



IPTV AND INTERACTIVE TV

Arantia TV includes all the services needed to respond to its customers' requirements within a simple IPTV platform in all kinds of projects, including hotels, hospitals, operators, companies and residential buildings. Indeed, it provides additional **new tools in order to enhance business operations.**

- **New multi-screen Middleware:**
 - STB Nemesis V2 Middleware, LG and Samsung televisions*.
 - Apps for iOS and Android devices*.
- Third party systems integration:
 - Property Management Systems,
 - NO/NC Alarm Systems.
- **Multiple Interactive Services:**
 - Television, Video on Demand, News, Messages, Check Expenses, Information Services...
- Integration with Arantia DS (Digital Signage) and Arantia Cast (content sharing on the TV from mobile devices via Chromecast).
- A powerful system management tool:
 - Allows managing all the existing functionalities and includes a complete and intuitive user friendly interface design tool.
- Customizable user interface, according to the requirements of every project and even every room within the same project.

* Check compatible TV models.

Ref.	Description	
COMPACT HE-21 IPTV HEADEND		
831010	4U Chassis	1
831011	4U Chassis with Redundant Power Supply	1
831012	1U Chassis	1
831110	DVB-S/S2 Dual Input	1
831111	DVB-S/S2 Quad Input	1
831115	DVB-T/T2 Dual Input	1
831114	DVB-T/T2 Quad Input	1
831123	DVB-S/S2/T/T2/C/ISDB-T Dual Input with Dual CI	1
831121	ATSC Quad Input	1
831118	DVB-IP Input	1
831122	HDMI Input QUAD	1
831121	ATSC Quad Input	1
831119	Corporate Channel License	1
MODULAR HEADEND IPH2011		
831202	4RU Chassis with Dual Power Supply	1
831203	Chassis Switch + 2xIPout RJ45	1
831205	4 ASI Input Module	1
831207	4 DVB-S/S2 Input Module	1
831209	4 DVB-T/T2 Input Module	1
831210	4 DVB-C Input Module	1
831211	Dual Descrambler with CI Module	1
★ 831213	4 ASI Output Module (with Multiplex Software)	1
★ 831212	2 IP Input/Output Module	1
★ 831224	IP Output Redundancy SW upgrade	1
★ 831225	1 SD/HD SDI Encoder Module	1
TRANSCODERS		
832201	Transcoder/Streamer Live	1
★ 832204	Transcoder/Streamer Live Plus	1

IPTV HE-21 HEADEND



Arantia IPTV HE-21 headend allows the reception of digital services through its DVB-T/T2, DVB-S/S2, DVB-C, ISDB-T, ATSC, HDMI, SDI & IP input modules that are encapsulated in IP packages and streamed through an IPTV network.

- **Cost-effective:** Adjusted price taking into account all the features that incorporates, such as the Session Announcement Protocol (SAP) or Universal Plug and Play (UPnP).
- **High Density:** Many inputs and software options in a reduced space of 4U.
- **Multi-Standard:** Support for most of the European and American Digital TV (DTV) standards.
- **Web Administration.**
- **Descrambling** with DVB-CI.
- **HEVC & 4K** compatible.
- **Optional Products:** Corporate Channel Licence, Interactive Services Middleware and Middleware IPTV Lite.



▲ IPTV HE-21 Headend (1U)



▲ Transcoder/Streamer Live

ARANTIA TV

Ref.	Description	
INTERACTIVE TELEVISION HEADEND (ITV)		
830311	VOD Server 20 Streams 1TB SATA	1
83031201	VOD Server 95 Streams 500GB (1,2TB) SAS	1
83031203	VOD Server 95 Streams 1TB (2,4TB) SAS	1
83031801	Arantia TV Middleware up to 50 Users	1
83032003	Arantia TV Middleware up to 100 Users	1
83032103	Arantia TV Middleware from 101 to 499 Users	1
83032203	Arantia TV Middleware from 500 to 750 Users	1
83032303	Arantia TV Middleware from 751 to 1000 Users	1
★ 83032503	Arantia TV Middleware Lite up to 100 Users	1
83032004	Arantia TV Middleware Marriott up to 100 Users	1
83032104	Arantia TV Middleware Marriott from 101 to 499 Users	1
83032204	Arantia TV Middleware Marriott from 500 to 750 Users	1
83032304	Arantia TV Middleware Marriott from 751 to 1000 Users	1
83032402	Arantia TV Backup Middleware	1
830319	Arantia TV Set-Top Box License	1
83050701	Arantia TV LG Compatible Televisions License	1
83050702	Arantia TV Samsung Compatible Televisions License	1
IPTV - ITV PERSONALIZATION & OPTIONS		
830501	Property Management System Interface - Micros@-Fidelio's Opera system	1
★ 830508	Property Management System Interface - Char system	1
★ 830509	Property Management System Interface - Char License for Room	1
830103	Alarm Monitor Device	1
830506	TV NO/NC Alarm System Integration	1
IPTV - ITV IN ROOM EQUIPMENT		
830108	Nemesis V2 Set-Top Box	1
830216	IR Universal (TV) and RF (STB Nemesis V2) Remote Control	1
830218	Power Supply Unit for Nemesis V2 Set-Top Box (All plugs)	1
830219	Nemesis V2 Set-Top Box TVI Extension - Samsung	1
830220	Nemesis V2 Set-Top Box TVI Extension - LG	1
830207	LG/Samsung/Chronos/Nemesis Remote Control	1
831504	CAT6 UTP Cable 1m	1
★ 830221	Wall Mount for Nemesis V2 Set-Top Box	1
IPTV - ITV ACCESSORIES		
831304	19" Rack 22U (Mounted & Adjusted)	1
831301	19" Rack 27U (Mounted & Adjusted)	1
831302	19" Rack 37U (Mounted & Adjusted)	1
831303	19" Rack 42U (Mounted & Adjusted)	1
★ 831930	Set up and Adjustment for GPON headend (FibreData) in 19" Rack (Ref. 83130x) ⁽¹⁾	1
831311	Rack Rails for HE-21	1
831404	VPN Router	1
831701	Uninterruptible Power Supply (UPS)	1
831401	Layer 3 Ethernet Switch 1000TX 24 Ports + 4 SFP Ports, more than 400 viewing points ^{(1) (2)}	1
831406	Layer 2+ Ethernet Switch 1000TX 24 Ports + 4 Ports SFP, up to 400 viewing points ^{(1) (2)}	1
★ 831426	Layer 2+ Ethernet Switch 1000TX 24 Ports + 4 Ports SFP, up to 80 viewing points ^{(1) (2)}	1
831402	Layer 2 Ethernet Switch 100TX 24 Ports + 4 Ports SFP ⁽²⁾	1
831403	Layer 2 Ethernet Switch 100TX 48 Ports + 4 Ports SFP ⁽²⁾	1
831503	Transceiver 1000SX SFP LC MMF (Multi-Mode Fiber)	1
831506	Transceiver 1000LX SFP LC SMF (Single-Mode Fiber)	1
831505	Transceiver 1000T SFP RJ-45	1

STB NEMESIS V2



Powerful Set-Top-Box designed to deploy interactive services specifically designed and developed to serve the hospitality environment.

Based on the AOSP (Android Open Source Project) with a complete management tool and an intuitive user application, it is the perfect choice to offer information and entertainment services.

- MPEG2, MPEG4-AVC / H264 and H265 decoding capabilities.
- Resolutions up to 4K UHD.
- Connectivity: Gigabit Ethernet, WiFi 2.4 GHz and 5GHz and Bluetooth 4.1.
- Remote management and monitoring.
- Accessories: Power supply 10W (5V/2A) and remote control (Bluetooth and IR)



▲ VoD Server



▲ 83032503



▲ Rack 27U (Mounted and adjusted)



▲ 831403

(1) Systems that integrate FiberData (GPON) and ArantiaTV require Layer2+ or Layer3 switches.

(2) Arantia TV configuration included.

ARANTIA.CAST

NETFLIX



Over 1,000 apps available
(chromecast.com/apps)

STAYCAST™ streaming solution
powered by Google Chromecast

Android, iOS, and ChromeOS compatible



STREAMING EXPERIENCE

The complete contents of the mobile devices on the Hotel TV set.

ArantiaCast is a casting system that allows each user in a multiuser environment, such as hotels, to have its own exclusive associated device. Without any login or password, and with automatic disconnection when the guest checks out through the hotel's PMS.

- The system allows the advanced remote monitoring of the installed devices.
- The Chromecast installation on the television sets is carried out in an unobtrusive and safe way.
- Streaming will only be allowed on the television set of the guest's own room.
- Disconnection from the system takes place on check.
- Content streaming on the hotel's television set, just like home.
- No login, password or personal information from the guest required.
- Compatible with any television set equipped with an HDMI connector.
- Over 1,000 applications available for Casting (Netflix, HBO, Youtube, etc.)
- Multiple mobile devices can be connected to the same room's Chromecast.

Ref.	Description	
STREAMING EXPERIENCE		
★ 831410	ArantiaCast Pack: Server + Router (up to 1,250 ChromeCast)	1
★ 831411	ChromeCast device for ArantiaCast	1
★ 831412	Yearly License for ChromeCast device	1
★ 831413	Marriott Chromecast Proxy Server	1



▲ 831410



▲ 831411

ARANTIA.DS

DIGITAL SIGNAGE SOLUTION FOR YOUR BUSINESS

Create, manage and deliver attractive, flexible and tailor made information to different Digital Signage Players through the system management tool.

Main Features:

- Web based Management Tool.
- Scalable solution.
- Cloud based & in-house Server architecture.
- Users and groups management.
- DS Players Management.
- Media library Management.
- Secured Content Download.
- Templates and Content Designer.
- Content Carousels.
- Smart Content Scheduling.
- Displays Switch ON / OFF Scheduling.
- Room Booking Application.
- Several player options: External and Built-in/ embedded in the DS Display panel.

PROMOTE YOUR BUSINESS
IN A SIMPLE, INTUITIVE AND PROFITABLE WAY
THROUGH ATTRACTIVE MULTIMEDIA CONTENT
THANKS TO ARANTIA DS

Ref.	Description	
DIGITAL SIGNAGE (DS)		
831810	DS Chronos (SW+HARDWARE)	1
831805	Arantia DS Server up to 150 Users	1
831807	DS Server up to 25 Users	1
831801	DS Totem with Vertical Display	1
831802	Totem with Vertical Touch Display DS Player	1
830209	Power Supply Unit for STB (EU plug)	1
830208	Power Supply Unit for STB (UK plug)	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1
SERVICES		
831901	1 Day Project Management	1
831902	1 Hour Remote Technical Support	1
831903	1 Day On-site Technical Support	1
831904	1 Day On-site Training	1
831906	1 Hour Specific Software Development	1
831905	Installation Services	-



▲ Player DS Chronos

DS TOTEM



ArantaDS Totem provides a new powerful tool for direct communication with your audience, fully integrated in the establishment environment at any location thanks to its innovative and customized design.

- It allows to display different types of digital information (information on events, addresses, advertisement and promotion) at one signalling point.
- It offers the possibility of customization, emphasizing the company's corporate image.
- It is made up of a light extruded aluminium chassis with a slim and sophisticated design.
- It has a IPS FHD 55" screen with integrated audio and Smart Energy Saving, specially conceived for Digital Signage, with a 24/7 operation mode and electronic protection against external agents as dust and humidity.
- It offers an optimal view of the displayed contents thanks to the frontal extra clear laminated glass.
- Totem with the touch panel/screen option enabled to support interactive content.

CORRELATIVE

Ref.	EAN 13	Label Product Description	📦	P.
1050	8424450010501	BIIII/DAB ANT. 174...240MHz 3ELE. G8dBi SINGLE	1	8
105001	8424450179765	BIIII/DAB ANT. 174...240MHz 3ELE. G8dBi MULTIP.	5	8
106501	8424450134955	BIIII TERREST.ANT. (Ch5-12) 7EL. G9.5dBi SINGLE	1	8
106601	8424450182604	V BIIII TERREST.ANT. (Ch5-12) 10EL. G9dBi SINGLE	01/06/20	8
108320	8424450184332	PANEL TERR.ANT.UHF(Ch21-48) 4DIPOL.G13dBi	1	8
108341	8424450170311	PANEL TERR.ANT.UHF(Ch21-60) 4DIPOL.G14dBi	1	8
111940	8424450171035	YAGI EDGE ANT.U(Ch21-60) 12EL.G10dBi ORA.MUL.	15	8
111941	8424450171042	YAGI EDGE ANT.U(Ch21-60) 12EL.G10dBi BLA.MUL.	15	8
111942	8424450178942	YAGI EDGE ANT.U(Ch21-60) 12EL.G10dBi ORA.SING.	1	8
112120	8424450207857	L 700 TERR.ANT. UHF(Ch21-48) 18EL. G13dB ORA.	6	8
112121	8424450207864	L 700 ANT. UHF(Ch21-48) 18EL. G13dB BLA.	6	8
112140	8424450169018	L 790 TERR.ANT.UHF 18EL. G13dBi ORA.	6	8
112141	8424450169056	L 790 ANT. U(Ch21-60) 18ELE. BL.	6	8
1201	8424450012017	FM TERREST.ANT. 88...108MHz CIRCULAR G1dBi	01/05/20	8
130101	8424450202401	MIRA ANT. UHF (Ch21-60) EU 230V 50Hz	1	7
130101	8424450202401	MIRA ANT. UHF (Ch21-60) EU 230V 50Hz	1	46
130102	8424450202418	MIRA INDOOR ANT. UHF (Ch21-60) UK	1	7
130102	8424450202418	MIRA INDOOR ANT. UHF (Ch21-60) UK	1	46
130220	8424450199190	INNOVA BOSS ANT. UHF(Ch21-48) G 20dBi	1	7
130220	8424450199190	INNOVA BOSS ANT. UHF(Ch21-48) G 20dBi	1	46
130240	8424450199176	INNOVA BOSS ANT. UHF(Ch21-60) G 20dBi	1	7
130240	8424450199176	INNOVA BOSS ANT. UHF(Ch21-60) G 20dBi	1	46
130501	8424450203217	BEXIA INDOOR ANT. V/U (Ch5-12/21-48) C15/18dBi	1	7
130501	8424450203217	BEXIA INDOOR ANT. V/U (Ch5-12/21-48) C15/18dBi	1	46
144011	8424450190708	DINOVA BOSS ANT. UHF(Ch21-60) G34dBi	1	6
144012	8424450190715	KIT: DINOVA BOSS ANT. UHF(Ch21-60) G34dBi	1	6
144012	8424450190715	KIT: DINOVA BOSS ANT. UHF(Ch21-60) G34dBi	1	46
144021	8424450190722	DINOVA BOSS ANT. UHF(Ch21-48) G34dBi	1	6
144022	8424450190739	KIT: DINOVA BOSS ANT. UHF(Ch21-48) G34dBi	1	6
144022	8424450190739	KIT: DINOVA BOSS ANT. UHF(Ch21-48) G34dBi	1	46
144422	8424450191071	KIT: OMNINOVA BOSS BI/FM/BIIII/U(Ch21-48) G25dBi	1	6
144422	8424450191071	KIT: OMNINOVA BOSS BI/FM/BIIII/U(Ch21-48) G25dBi	1	46
144442	8424450191064	KIT: OMNINOVA BOSS BI/FM/B3/U(Ch21-60) G25dBi	1	6
144442	8424450191064	KIT: OMNINOVA BOSS BI/FM/B3/U(Ch21-60) G25dBi	1	46
144501	8424450182864	KIT: CAMPNOVA BOSS FM/BIIII/UHF G-2/10/22dBi	1	6
144501	8424450182864	KIT: CAMPNOVA BOSS FM/BIIII/UHF G-2/10/22dBi	1	46
144521	8424450207871	KIT: CAMPNOVA BOSS FM/BIIII/UHF G-2/10/22dBi	1	46
144740	8424450177686	TVMOTION TRINOVA BOSS ANT.UHF G25dBi	1	6
148902	8424450198216	ELLIPSE ANTENNA UHF(Ch21-60) + PSU (MULTIP)	8	6
148905	8424450203866	ELLIPSE ANTENNA UHF(Ch21-60) + PSU (SINGLE)	01/04/20	6
148905	8424450203866	ELLIPSE ANTENNA UHF(Ch21-60) + PSU (SINGLE)	01/04/20	46
148920	8424450210482	ELLIPSE ANTENNA UHF(Ch21-48) G38dBi (MULTIP)	8	6
148922	8424450198247	ELLIPSE ANTENNA UHF(Ch21-48) + PSU (MULTIP)	8	6
148923	8424450201831	ELLIPSE ANT. UHF(Ch21-48)+ UK PSU (SINGLE)	01/04/20	6
148923	8424450201831	ELLIPSE ANT. UHF(Ch21-48)+ UK PSU (SINGLE)	01/04/20	46
148925	8424450203873	ELLIPSE ANTENNA UHF(Ch21-48) + PSU (SINGLE)	01/04/20	6
148925	8424450203873	ELLIPSE ANTENNA UHF(Ch21-48) + PSU (SINGLE)	01/04/20	46
149201	8424450169896	V ZENIT UHF G15dBi SINGLE	01/06/20	8
149202	8424450169902	V ZENIT ANT.UHF (Ch.21-58/59/60 CONFIG.) MULT.	10	8
149221	8424450184219	V ZENIT TERR.ANT. UHF(Ch21-48) G13dBi SING.	01/06/20	8
149222	8424450184233	V ZENIT TERR.ANT. UHF(Ch21-48) G13dBi MULT.	10	8
149301	8424450185650	V ZENIT MIX (Ch.5-12/21-58/59/60) G8.5/15dBi SING.	1	8
149302	8424450180167	V ZENIT MIX (Ch.5-12/21-58/59/60) G8.5/15dBi MULT.	10	8
149321	8424450184226	V ZENIT MIX BI/II/U (Ch5-12/21-48) G8.5/13dBi SING.	1	8
149421	8424450185421	DAT BOSS MIX (Ch5-12/21-48) G36.5/41dBi SING.	1	6
149422	8424450185438	DAT BOSS MIX (Ch5-12/21-48) G36.5/41dBi MULT.	5	6
149441	8424450185391	DAT BOSS MIX (Ch5-12/21-60) G36.5/44dBi SING.	1	6
149442	8424450185407	DAT BOSS MIX (Ch5-12/21-60) G36.5/44dBi MULT.	5	6
149721	8424450185360	DAT BOSS LR ANT. UHF(Ch21-48) G47dBi SING.	1	6
149721	8424450185360	DAT BOSS LR ANT. UHF(Ch21-48) G47dBi SING.	1	46
149740	8424450185377	DAT BOSS LR ANT. UHF(Ch21-60) G47dBi SING.	1	6
149740	8424450185377	DAT BOSS LR ANT. UHF(Ch21-60) G47dBi SING.	1	46
149921	8424450185056	DAT BOSS ANT. UHF(Ch21-48) G42dBi SINGLE	1	6
149921	8424450185056	DAT BOSS ANT. UHF(Ch21-48) G42dBi SINGLE	1	46
149922	8424450185063	DAT BOSS ANT. UHF(Ch21-48) G42dBi MULTIP.	6	6
149941	8424450185025	DAT BOSS ANT. UHF(Ch21-60) G45dBi SINGLE	01/05/20	6
149941	8424450185025	DAT BOSS ANT. UHF(Ch21-60) G45dBi SINGLE	01/05/20	46
149942	8424450185049	DAT BOSS ANT. UHF(Ch21-60) G45dBi MULTIP.	6	6
2000	8424450020005	OPENED CABLE CLIP 100U	01/10/20	9
2011	8424450020111	CLOSED CABLE CLIP 100U	1/20	9
2043	8424450020432	GALVANIZED STEEL WIRE Ø2mm 100m	100	9
2047	8424450020470	JAW CLAMP RCP FOR MASTS UP Ø25...45mm	10	9


Ref.	EAN 13	Label Product Description	📦	P.
209401	8424450205754	KIT: DATA CONNECTION (CASE)	1	41
209801	8424450170021	CRIMP.TOOL RJ45/RJ11/RJ12 & 4P4C/4P2C	1	41
209901	8424450162828	RJ45 CONNECTOR UTP CAT 6 FEM. BOX15	15	41
209902	8424450164716	RJ45 CONNECTOR UTP CAT 6 MALE BOX50	50	41
209910	8424450176801	DATA TERMINAL BOX 1xRJ45 FEMALE	5	40
210102	8424450169513	COAX.CAB.CXT50 PVC Eca/A 23VAtC.A WH.250m	250	38
210202	8424450169520	COAX.CAB.CXT60 PVC Eca/A 19VAtC.A WH.250m	250	38
210601	8424450143025	COAX.CAB.CXT5 PVC Eca/A 24VAtC WH.100m	150	38
210603	8424450153031	COAX.CAB.CXT5 PVC Eca/B 24VAtC WH.100m	100	38
2117	8424450021170	MAST CLAMP RCP FOR WINDOW	1	9
212001	8424450177808	COAX. CABLE / FO DISPENSER SMALL	1	28
212001	8424450177808	COAX. CABLE / FO DISPENSER SMALL	1	38
212011	8424450177921	COAX. CABLE / FO DISPENSER LARGE	1	28
212011	8424450177921	COAX. CABLE / FO DISPENSER LARGE	1	38
212101	8424450186510	DATA CABLE F/UTP Cat-6 Dca Cu LSFH VI.500m	500	41
212201	8424450183298	DATA CABLE U/UTP Cat-6 Fca Cu PE WH.305m	305	41
2123	8424450140789	DATA CABLE U/UTP Cat-6 Dca Cu LSFH VI.305m	305	41
212302	8424450181751	DATA CABLE U/UTP Cat-6 Dca Cu LSFH VI.1000m	1000	41
212310	8424450188408	DATA CABLE U/UTP Cat-6 Eca Cu LSFH VI.305	305	41
212501	8424450176665	COAX.CAB.T100 PE Fca/A 16PatC BL.100m	100	38
212502	8424450166291	COAX.CAB.T100 PE Fca/A 16PatC BL.250m	250	38
2126	8424450137550	COAX.CAB.T100 PVC Eca/A 16VAtC WH.100m	100	38
212601	8424450137567	COAX.CAB.T100 PVC Eca/A 16VAtC WH.250m	250	38
212602	8424450137574	COAX.CAB.T100 PVC Eca/A 16VAtC BL.250m	250	38
2127	8424450137598	COAX.CAB.CXT1 PVC Eca 17VAtC.A WH.100m	100	38
212701	8424450137604	COAX.CAB.CXT1 PVC Eca 17VAtC.A BL.100m	100	38
212702	8424450137611	COAX.CAB.CXT1 PVC Eca 17VAtC.A BL.250m	250	38
212703	8424450137628	COAX.CAB.CXT1 PVC Eca 17VAtC.A WH.250m	250	38
212704	8424450137635	COAX.CAB.CXT1 PVC Eca 17VAtC.A WH.500m	500	38
2128	8424450137642	COAX.CAB.CXT PVC Eca/A 19VAtC WH.100m	100	38
212801	8424450137659	COAX.CAB.CXT PVC Eca/A 19VAtC WH.250m	250	38
212811	8424450169834	COAX.CAB.CXT LSFH Dca/A 19VAtC GR.250m	250	38
2138	8424450021385	COAX.CAB.CXT PVC Eca 18VrTC WH.100m	100	37
213802	8424450104019	COAX.CAB.CXT PVC Eca 18VrTC WH.250m	250	37
2139	8424450101278	COAX.CAB.CXT PVC Eca 18VrTC BL.100m	100	37
2140	8424450021408	COAX.CAB.1/2" PE Fca/A 7PRTC BL.500m	500	38
214102	8424450103449	COAX.CAB.T100+ PVC Eca/A 16VrTC WH.100m	100	37
214104	8424450114674	COAX.CAB.T100+ PVC Eca/A 16VrTC WH.250m	250	37
214108	8424450123065	COAX.CAB.T100+ PVC Eca/A 16VrTC BL.100m	100	37
2145	8424450134986	PROFESSIONAL COAXIAL CABLE STRIPPER	10	38
214901	8424450103555	COAX.CAB.TR165 PE Fca/A 11PRTC BL.250m	250	38
215101	8424450103470	COAX.CAB.T100+ LSFH Dca/A 16VrTC GR.100m	100	37
215501	8424450103500	COAX.CAB.T100+ PE Fca/A 16PRTC BL.100m	100	37
215502	8424450119594	COAX.CAB.T100+ PE Fca/A 16PRTC BL.250m	250	37
216101	8424450183137	HEX-11 WRENCH FOR "F" CONNECTORS	1/250	36
216120	8424450199046	F CONNECTOR TIGHTENING TOOL	1	36
2162	8424450021620	BAG.COAXIAL CABLE STRIPPER	10	38
2162	8424450021620	BAG.COAXIAL CABLE STRIPPER	10	49
2163	8424450021637	COMPRESSION TOOL FOR "F" CONNECTORS	1	36
216301	8424450192238	COMPRESSION TOOL STRAIGHT "F" CONNECT.	1	36
216310	8424450168585	INSERTION TOOL FOR "F" CONNECTORS	1	36
216401	8424450197950	KIT: "F" COMPRESS. CONNECTION TSH (CASE)	1	36
216403	8424450205747	KIT: "F" COMPRESS. CONNECTION T100 (CASE)	1	36
216801	8424450149614	KIT: PC-MOD CABLE + USB-SERIAL ADAPTER	1	23
216801	8424450149614	KIT: PC-MOD CABLE + USB-SERIAL ADAPTER	1	24
216802	84244500209233	KIT: WIFI ADAPT. + OTG CABLE USB-microUSB	1	23
216810	8424450206478	BAG.OTG USB C-microUSB B CABLE M-M 1m	1	20
219101	8424450169568	DATA CABLE S/FTP Cat-7 Cca Cu LSFH WH.305m	305	41
219301	8424450198667	DATA CABLE U/FTP Cat-6A Cca Cu LSFH WH.305m	305	41
219502	8424450169469	DATA CABLE F/UTP Cat-5E Eca Cu LSFH GR.305m	305	41
219602	8424450169476	DATA CABLE U/UTP Cat-5E Eca Cu LSFH GR.305m	305	41
219701	8424450169568	DATA CABLE U/UTP Cat-5E Fca Cu PE BL.305m	305	41
2199	8424450021996	DATA CABLE U/UTP Cat-6 Eca Cu PVC WH.305m	305	41
231020	8424450182826	OUTDOOR NODE CATV OLC W/RET 1610nm LOCAL	1	26
2311	8424450144930	DOMESTIC F.O.RX MATV/SAT W/AUTO.ADJJUSTM.	1	26
231110	8424450167946	DOMESTIC F.O.RX MATV OLC	1	26
231111	8424450177983	DOMESTIC F.O.RX MATV OLC 1550nm	1	26
231111	8424450177983	DOMESTIC F.O.RX MATV OLC 1550nm	1	53
231201	8424450160718	OUTDOOR F.O.RX. MATV/SAT W/O RET LOCAL	1	26
231220	8424450182840	OUTDOOR F.O. RX MATV OLC W/O RET.P LOCAL	1	26
231301	8424450153222	COMPACT FO SPLITT. ENCLOSURE INDOOR 16F.	1	27
231302	8424450181799	BASIC FO SPLITT. ENCLOSURE INDOOR 24F.	1	27


CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
231310	8424450174852	FO SPLIT. ENCLOSURE INDOOR 8F.	1	27
231414	8424450203316	MULTIFIBER 16LSFH Dca (G657A2) Ø250um BY M	By m	28
231502	8424450183724	F.O. PATCH BOX 4OUTS	1	27
231502	8424450183724	F.O. PATCH BOX 4OUTS	1	53
231520	8424450183731	F.O. PATCH BOX 4OUTS + 2 FIBERS 15m	1	27
231521	8424450183748	F.O. PATCH BOX 4OUTS + 2 FIBERS 25m	1	27
231522	8424450183755	F.O. PATCH BOX 4OUTS + 2 FIBERS 40m	1	27
231523	8424450183762	F.O. PATCH BOX 4OUTS + 2 FIBERS 55m	1	27
231524	8424450183779	F.O. PATCH BOX 4OUTS + 2 FIBERS 70m	1	27
231525	8424450183786	F.O. PATCH BOX 4OUTS + 2 FIBERS 85m	1	27
231526	8424450183793	F.O. PATCH BOX 4OUTS + 2 FIBERS 100m	1	27
231530	8424450186947	F.O. PATCH BOX 4OUTS + 4 FIBERS 15m	1	27
231531	8424450186961	F.O. PATCH BOX 4OUTS + 4 FIBERS 25m	1	27
231532	8424450186978	F.O. PATCH BOX 4OUTS + 4 FIBERS 40m	1	27
231533	8424450186985	F.O. PATCH BOX 4OUTS + 4 FIBERS 55m	1	27
231534	8424450186992	F.O. PATCH BOX 4OUTS + 4 FIBERS 70m	1	27
231535	8424450187005	F.O. PATCH BOX 4OUTS + 4 FIBERS 85m	1	27
231536	8424450187012	F.O. PATCH BOX 4OUTS + 4 FIBERS 100m	1	27
231603	8424450153277	MULTIFIBER 24 LSFH Fca (ITU-T G657A2) Ø900 BY M	By m	28
231614	8424450203309	MULTIFIBER 24LSFH Dca (G657A2) Ø250um BY M	By m	28
231702	8424450153291	MULTIFIBER 48 LSFH Fca (ITU-T G657A2) Ø900 BY M	By m	28
231714	8424450203323	MULTIFIBER 48LSFH Dca (G657A2) Ø250um BY M	By m	28
231802	8424450168134	MULTIFIBER 12 LSFH Fca (ITU-T G657A2) Ø900 BY M	By m	28
231901	8424450153307	2FIB.CAB SM IND.LSFH Dca(ITU-T G657A2) 300m	300	28
231902	8424450170144	2FIB.CAB SM IND.LSFH Dca(ITU-T G657A2) 750m	750	28
231911	8424450186930	4FIB.CABLE SM IND.LSFH Fca (ITU-T G657A2) 300m	300	28
232001	8424450153314	2FIB.CAB SM OUT.LSFH Dca(ITU-T G657A2) 200m	200	28
232002	8424450170151	2FIB.CAB SM OUT.LSFH Dca(ITU-T G657A2) 500m	500	28
232105	8424450205464	F.O. KIT FUSION SPLICER	1	45
2322	8424450142523	F.O. MECHANICAL SPLICER	1	45
232301	8424450187968	F.O. CLEAVER	1	45
232310	8424450170076	F.O. KEVLAR SCISSORS	1	45
2324	8424450142547	F.O. PRECISION STRIPPER	1	45
2325	8424450142554	F.O. STRIPPER FOR MULTI-FIBRE CABLES	1	45
232602	8424450185902	FO PATCH-CORD PRE-TLSFH SC/APC 2m (900µm)	25	28
232621	8424450187029	FO PATCH-CORD PRE-TER SM LSFH "SC/APC" 2m	10	28
232621	8424450187029	FO PATCH-CORD PRE-TER SM LSFH "SC/APC" 2m	10	49
232621	8424450187029	FO PATCH-CORD PRE-TER SM LSFH "SC/APC" 2m	10	53
232622	8424450188699	FO PATCH-CORD LSFH SC/APC-SC/PC 0.2m	5	28
232622	8424450188699	FO PATCH-CORD LSFH SC/APC-SC/PC 0.2m	5	53
232623	8424450208700	BAG.FO PATCH-CORD SM LSFH "SC/APC" 0.5m	10	28
232623	8424450208700	BAG.FO PATCH-CORD SM LSFH "SC/APC" 0.5m	10	49
232623	8424450208700	BAG.FO PATCH-CORD SM LSFH "SC/APC" 0.5m	10	53
232624	8424450208717	BAG.FO PATCH-CORD LSFH SC/APC-FC/UPC 2m	10	28
232624	8424450208717	BAG.FO PATCH-CORD LSFH SC/APC-FC/UPC 2m	10	53
232640	8424450183069	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 10m	1	28
232641	8424450183076	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 15m	1	28
232642	8424450183021	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 20m	1	28
232643	8424450183038	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 25m	1	28
232644	8424450183045	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 30m	1	28
232645	8424450183052	DUPLEX PATCH-CORD PRE-TLSFH SC/APC 40m	1	28
2327	8424450142578	F.O. PROTECTION SLEEVE FOR FUSION 60mm	200	28
2327	8424450142578	F.O. PROTECTION SLEEVE FOR FUSION 60mm	200	45
232701	8424450176191	F.O. PROTECTION SLEEVE FOR FUSION 43mm	200	28
232701	8424450176191	F.O. PROTECTION SLEEVE FOR FUSION 43mm	200	45
232710	8424450167700	FO CLEAN KIT.: WIPES (50u) + STICKS (25u)	1	45
2328	8424450142585	F.O. MECHANICAL SPLICES	10	28
2328	8424450142585	F.O. MECHANICAL SPLICES	10	45
2329	8424450142592	F.O. CONNECTORS "SC/APC"	10	28
2329	8424450142592	F.O. CONNECTORS "SC/APC"	10	45
232910	8424450167717	F.O. CONNECTOR CLEANER	1	45
233002	8424450184257	F.O. MAIN ENCLOSURE INDOOR 48 CONNECT.	1	27
233003	8424450186923	STACK. FO MAIN ENCLOSURE INDOOR 48CONN.	1	27
233203	8424450185995	ADAPTER "SC/APC" FEMALE-FEMALE	25	28
233210	8424450203842	TWIN ADAPTER "SC/APC" FEMALE-FEMALE	20/1000	28
233306	8424450169063	T.OX F.O.TX. 1310nm 6dBm "SC/APC" W/O RET	1	25
233311	8424450166246	T.OX F.O.TX. 1310nm 10dBm "SC/APC" W/O RET	1	25
2335	8424450147603	T.OX F.O.RX 1200..1600nm "SC/APC" W/O RET	1	25
2336	8424450147610	T.OX F.O.RX 1200..1600nm "SC/APC" W/RET 3dBm	1	25
2337	8424450150238	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 2W 4dB	1	25
2337	8424450150238	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 2W 4dB	1	52
233750	8424450184929	PLC F.O.SPLITT.1260...1650nm "SC/APC" 2W 4dB	1	53

Ref.	EAN 13	Label Product Description		P.
233850	8424450201701	PLC F.O.SPLITT.1260...1650nm"SC/APC" 64W 20dB	1	53
2339	8424450147641	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 4W 7dB	1	25
2339	8424450147641	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 4W 7dB	1	52
233950	8424450184936	PLC F.O.SPLITT.1260...1650nm "SC/APC" 4W 7dB	1	53
2340	8424450146002	OPS3L TRIPLE LIGHT SOURCE 1310/1490/1550nm	1	45
2341	8424450148686	F.O. KIT MECHANICAL SPLICER	1	45
234220	8424450154984	T.OX F.O. AMPLIF. 1550nm 10 "SC/APC" 20dBm	1	25
234220	8424450154984	T.OX F.O. AMPLIF. 1550nm 10 "SC/APC" 20dBm	1	52
234221	8424450187302	T.OX FO AMP:1550nm 10 "SC/APC" 19dBm +WDM	1	25
234221	8424450187302	T.OX FO AMP:1550nm 10 "SC/APC" 19dBm +WDM	1	52
234228	8424450179796	T.OX FO AMP:1550nm 80 "SC/APC" 20dBm +WDM	1	25
234228	8424450179796	T.OX FO AMP:1550nm 80 "SC/APC" 20dBm +WDM	1	52
234305	8424450167038	T.OX F.O.TX. 1550nm 5dBm "SC/APC" W/O RET	1	25
234305	8424450167038	T.OX F.O.TX. 1550nm 5dBm "SC/APC" W/O RET	1	52
234401	8424450152836	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 8W 10dB	1	25
234401	8424450152836	T.OX F.O.SPLITT.1260...1650nm "SC/APC" 8W 10dB	1	52
234450	8424450184899	PLC F.O.SPLITT.1260...1650nm "SC/APC" 8W 10dB	1	53
234501	8424450152843	T.OX F.O.SPLITT.1260...1650nm"SC/APC" 16W 14dB	1	25
234501	8424450152843	T.OX F.O.SPLITT.1260...1650nm"SC/APC" 16W 14dB	1	52
234550	8424450184905	PLC F.O.SPLITT.1260...1650nm"SC/APC" 16W 14dB	1	53
234601	8424450152850	T.OX F.O.SPLITT.1260...1650nm"SC/APC" 32W 17dB	1	25
234601	8424450152850	T.OX F.O.SPLITT.1260...1650nm"SC/APC" 32W 17dB	1	52
234650	8424450184912	PLC F.O.SPLITT.1260...1650nm"SC/APC" 32W 17dB	1	53
234701	8424450167212	T.OX WDM FO GPON+RF (1310/1490nm)-(1550nm)	1	25
234702	8424450181720	T.OX WDM FO RfOG (1610nm)-(1550nm)	1	25
234740	8424450193136	WDM MODULE GPON+RF(1310/1490nm)-(1550nm)	1	53
234755	8424450198940	DWDM COMPONENT FO 11/40 1550nm	1	29
234756	8424450201671	CWDM COMPONENT FO 10/40 1550nm	1	29
234801	8424450175996	T.OX F.O.TX. 1310nm 10dBm W/O RET AGC + TEMP.	1	25
234811	8424450177273	T.OX F.O.TX. 1550nm 10dBm W/O RET AGC + TEMP.	1	25
234811	8424450177273	T.OX F.O.TX. 1550nm 10dBm W/O RET AGC + TEMP.	1	52
234901	8424450175989	T.OX.F.O. TWIN RET RX 1270...1650nm AGC	1	25
2353	8424450142677	OFFSET OPTICAL LNB G72dB Po7dBm 32x GR.	1	11
2353	8424450142677	OFFSET OPTICAL LNB G72dB Po7dBm 32x GR.	1	29
2354	8424450142684	F.O.CONNECTOR FOR "FC"- "FC" INTERCONNECT	5	29
2356	8424450142707	ADAPTADER F.O. "FC"- "SC"	5	29
235701	8424450152430	F.O.SPLITTER 1310/1550nm "FC/PC" 2W 4dB	1	29
235801	8424450152447	F.O.SPLITTER 1310/1550nm "FC/PC" 3W 5.5dB	1	29
235901	8424450152454	F.O.SPLITTER 1310/1550nm "FC/PC" 4W 7dB	1	29
236001	8424450152461	F.O.SPLITTER 1310/1550 "FC/PC" 8W 10.1dB	1	29
2361	8424450142752	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 3m	1	29
236101	8424450142769	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 5m	1	29
236102	8424450142776	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 10m	1	29
236103	8424450142783	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 20m	1	29
236104	8424450142790	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 30m	1	29
236105	8424450142806	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 40m	1	29
236106	8424450142813	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 50m	1	29
236107	8424450142820	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 75m	1	29
236108	8424450142837	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 100m	1	29
236109	8424450142844	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 200m	1	29
236110	8424450186541	FO P.CORD SING-M.PRE-TER.LSFH "FC/PC" 1m	1	29
2363	8424450144060	P.F. OPTICAL LNB G72dB Po 7dBm GR.	1	11
2363	8424450144060	P.F. OPTICAL LNB G72dB Po 7dBm GR.	1	29
2364	8424450144404	F.O. ATTENUATOR 1310/1550nm "FC/PC" 5dB	1	29
236410	8424450190449	F.O. ATTENUATOR 1310/1550nm "SC/APC" 2dB	1	53
236411	8424450190456	F.O. ATTENUATOR 1310/1550nm "SC/APC" 5dB	1	53
236412	8424450190463	F.O. ATTENUATOR 1310/1550nm "SC/APC" 10dB	1	53
2365	8424450144411	F.O. ATTENUATOR 1310/1550nm "FC/PC" 10dB	1	29
2366	8424450144428	F.O. ATTENUATOR 1310/1550nm "FC/PC" 15dB	1	29
236801	8424450148129	RF/OPT. KIT ODU32 1310nm DAB/UHF-SAT	1	29
236810	8424450185117	RF/OPT. KIT ODU32 1550nm DAB/UHF-SAT	1	29
236903	8424450180570	OP/RF CONVERTER QUAD FM/DAB/U-SAT	1	29
237003	8424450183717	OP/RF CONVERTER QUATTRO FM/DAB/UHF-SAT	1	29
237050	8424450184943	PSU 20V-1.2A (OPTICAL CONV.)	1	29
237301	8424450187098	FO TX 1550nm / WDM 1310/1490nm SC/APC	1	29
237311	8424450187104	FO RX 1550nm / WDM 1310/1490nm SC/APC	1	29
237901	8424450188743	FIBER4SAT TX / DWDM 1550nm "SC/APC" 5dBm	1	29
237902	8424450201664	FIBER4SAT TX / CWDM 1550nm "SC/APC" 5dBm	1	29
237910	8424450206119	FIBER4SAT TX / DWDM MODULE 2SAT + DTT 9dBm	1	29
237911	8424450188927	FIBER4SAT RX/DWDM 1550nm "SC/APC", 40 "F"	1	29
237920	8424450204573	FIBER4SAT TX / CWDM MODULE 2SAT + DTT 6dBm	1	29
238001	8424450170793	FIBERKOM MINI-NODE CATV OLC (2 FIB.) D3.1	1	26

CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
238004	8424450175774	FIBERKOM MINI-NODE CATV OLC (1 FIB) D3.1	1	26
238005	8424450177907	FIBERKOM MINI-NODE CATV OLC (1 FIB) D3.1	1	26
238079	8424450183083	FIBERKOM MINI-RX CATV OLC (1 FIBER)	1	26
238101	8424450179611	FIBERKOM MINI-RX CATV OLC (1 FIBER)	1	26
238201	8424450180617	FIBERKOM TX 1310nm SC/APC 3dBm W/O RET	1	26
2401	8424450024010	"L" MAST BRACKET RCP FOR BOLTING 300mm	10	9
2403	8424450024034	"W" MAST BRACKET RCP FOR BOLTING 250mm	10	9
2404	8424450024041	"U" MAST BRACKET FOR BOLTING RCP 500mm	6	9
240410	8424450190272	"U" MAST BRACKET FOR BOLTING RCP 300mm	6	9
2405	8424450024058	"I" MAST BRACKET RCP EMBEDDING 350mm	6	9
2406	8424450024065	REINFOR:"U"MAST BRA.RCP EMBEDD. 500mm	6	9
2407	8424450024072	MAST RCP 1.45m xØ35mm x THICKNESS 1.5mm	8	9
2408	8424450024089	SADDLE&CLAMP RCP GUY WIRE INNERØ46mm	10	9
2409	8424450024096	ANGLED MAST BRACKET RCP BOLTING 128mm	10	9
2410	8424450024102	REINFOR:"U" MAST BRA.RCP EMBEDD. 250mm	10	9
2412	8424450024126	CORNER PIECE RCP FOR CHIMNEY	10	9
2413	8424450024133	MAST CLAMP RCP Ø35mm	6	9
2414	8424450024140	TUBULAR MAST BRACKET FOR CHIMNEY	1	9
2415	8424450024157	REINFORC. MAST BRACKET CHIMNEY	1	9
242001	8424450168820	MAST RCP 1m x Ø35mm x THICKNESS 1mm	6	9
3008	8424450030080	MAST RCP 2.5m x Ø35mm x THICKNESS 1.5mm	6	9
3009	8424450030097	MAST RCP 2.5m x Ø40mm x THICKNESS 2mm	4	9
3010	8424450030103	MAST RCP 3m x Ø45mm x THICKNESS 2mm	4	9
301002	8424450152232	MAST HDG 3m x Ø45mm x THICKNESS 2mm	4	9
301003	8424450177815	MAST HDG+RE.3m x Ø45mm x THICKNESS 2mm	1	9
3014	8424450030141	180 SE TOWER UPPER RCP 1.25m	1	12
3015	8424450030158	180 SE TOWER UPPER W/RING RCP 2.5m	1	12
3017	8424450030172	180 SE TOWER MIDDLE RCP 2.5m	1	12
3019	8424450030196	180 SE TOWER FIXED EMBEDDED BASE RCP	1	12
3020	8424450030202	180 SE TOWER FIXED BOLTING BASE RCP	1	12
3021	8424450136324	180 TOWER UPPER RCP 1m	1	12
3029	8424450135921	180TOWER EMBEDDED FRAME FOR REF.3038	1	12
3031	8424450136560	180 TOWER MIDDLE RCP 3m	1	12
303101	8424450152201	180 TOWER MIDDLE HDG 3m	1	12
3032	8424450136577	180 TOWER UPPER RCP 3m	1	12
303201	8424450152218	180 TOWER UPPER HDG 3m	1	12
3034	8424450030349	GALVANIZED STEEL WIRE Ø4mm 100m	100	9
3034	8424450030349	GALVANIZED STEEL WIRE Ø4mm 100m	100	12
3037	8424450136553	180 TOWER LOWER PIVOTING RCP 3m	1	12
303701	8424450167052	180 TOWER LOWER PIVOTING HDG 3m	1	12
3038	8424450136492	180 TOWER FIXED BOLT./EMBED. BASE RCP	1	12
303801	8424450152225	180 TOWER FIXED BOLT./EMBED. BASE HDG	1	12
3040	8424450030400	MAST RCP 1.5m x Ø40mm x THICKNESS 1.25mm	6	9
3041	8424450030417	MAST RCP 2m x Ø40mm x THICKNESS 1.25mm	4	9
3042	8424450030424	MAST RCP 2.5m x Ø35mm x THICKNESS 1mm	6	9
3048	8424450136546	180 TOWER PIVOTING EMBEDDED BASE RCP	1	12
304801	8424450168349	180 TOWER PIVOTING EMBEDDED BASE HDG	1	12
3049	8424450142158	Q1500 TOW.KIT STAINLE.STEEL 14.5m +ACCES.	1	12
304910	8424450173848	Q1500 TOWER BASES STAINLESS STEEL	1	12
305001	8424450161517	180 TOWER STRUCTURAL CUBE RCP 200mm	1	12
3058	8424450030585	180/360 TOWER GUY WIRE RING RCP	20	12
3058	8424450030585	180/360 TOWER GUY WIRE RING RCP	20	13
305801	8424450180518	180/360 TOWER GUY WIRE RING HDG	20	12
305801	8424450180518	180/360 TOWER GUY WIRE RING HDG	20	13
3059	8424450030592	GALVANIZED STEEL WIRE Ø5mm 100m	100	9
3059	8424450030592	GALVANIZED STEEL WIRE Ø5mm 100m	100	13
306001	8424450168530	GALVANIZED STEEL WIRE Ø6mm 200m	200	9
306001	8424450168530	GALVANIZED STEEL WIRE Ø6mm 200m	200	13
306001	8424450168530	GALVANIZED STEEL WIRE Ø6mm 200m	200	14
306501	8424450174227	PACK TOWER GALV.+ORA. 2.2m W/ACCESSORIES	1	12
3072	8424450030721	MAST RCP 3m x Ø40mm x THICKNESS 2mm	4	9
3075	8424450030752	MAST Zn+RE 3m x Ø45mm x THICKNESS 2mm	4	9
307502	8424450150184	MAST Zn+WH 2m x Ø45mm x THICKNESS 2mm	4	9
3085	8424450136652	360 TOWER UPPER RCP 3m	1	13
308501	8424450136706	360 TOWER UPPER Zn+RE 3m	1	13
308502	8424450153420	360 TOWER UPPER Zn+WH 3m	1	13
308503	8424450169179	360 TOWER UPPER HDG 3m	1	13
308504	8424450169209	360 TOWER UPPER HDG+RE 3m	1	13
3086	8424450136683	360 TOWER LOWER PIVOTING RCP 3m	1	13
308601	8424450136713	360 TOWER LOWER PIVOTING Zn+RE 3m	1	13
308602	8424450153437	360 TOWER LOWER PIVOTING Zn+WH 3m	1	13
308603	8424450169186	360 TOWER LOWER PIVOTING HDG 3m	1	13

Ref.	EAN 13	Label Product Description		P.
308604	8424450169216	360 TOWER LOWER PIVOTING HDG+RE 3m	1	13
308605	8424450175293	360 TOWER LOWER PIVOTING HDG+WH 3m	1	13
3087	8424450136690	360 TOWER MIDDLE RCP 3m	1	13
308701	8424450136720	360 TOWER MIDDLE Zn+RE 3m	1	13
308702	8424450136737	360 TOWER MIDDLE Zn+WH 3m	1	13
308703	8424450169193	360 TOWER MIDDLE HDG 3m	1	13
308704	8424450169223	360 TOWER MIDDLE HDG+RE 3m	1	13
308705	8424450169230	360 TOWER MIDDLE HDG+WH 3m	1	13
3088	8424450136669	360 TOWER PIVOTING EMBEDDED BASE RCP	1	13
308801	8424450169247	360 TOWER PIVOTING EMBEDDED BASE HDG	1	13
3089	8424450136676	360 TOWER FIXED EMBEDDED BASE RCP	1	13
308901	8424450169254	360 TOWER FIXED EMBEDDED BASE HDG	1	13
312901	8424450161173	450/550 TOW.SURFACE PLATE FOR EMB.BASE	1	13
312901	8424450161173	450/550 TOW.SURFACE PLATE FOR EMB.BASE	1	14
3130	8424450136768	450 TOWER LOWER PIVOTING REINFOR.Zn+RE 3m	1	13
313001	8424450169261	450 TOWER LOWER PIVOT.REINFOR.HDG+RE 3m	1	13
313011	8424450201503	450XL TOWER LOWER PIVOT.REINFOR.HDG+RE 3m	1	14
3131	8424450136775	450 TOWER MIDDLE Zn+RE 3m	1	13
313101	8424450136805	450 TOWER MIDDLE Zn+WH 3m	1	13
313102	8424450169278	450 TOWER MIDDLE HDG+RE 3m	1	13
313103	8424450169285	450 TOWER MIDDLE HDG+WH 3m	1	13
313112	8424450201534	450XL TOWER MIDDLE HDG+RE 3m	1	14
313113	8424450201541	450XL TOWER MIDDLE HDG+WH 3m	1	14
3132	8424450136829	450 TOWER MIDDLE REINFORCED Zn+RE 3m	1	13
313201	8424450136812	450 TOWER MIDDLE REINFORCED Zn+WH 3m	1	13
313202	8424450169292	450 TOWER MIDDLE REINFORCED HDG+RE 3m	1	13
313203	8424450169308	450 TOWER MIDDLE REINFORCED HDG+WH 3m	1	13
313212	8424450201510	450XL TOWER MIDDLE REINFORCED HDG+RE 3m	1	14
313213	8424450201527	450XL TOWER MIDDLE REINFORCED HDG+WH 3m	1	14
3133	8424450136836	450 TOWER UPPER Zn+RE 3m	1	13
313301	8424450169315	450 TOWER UPPER HDG+RE 3m	1	13
313311	8424450201558	450XL TOWER UPPER HDG+RE 3m	1	14
3134	8424450136751	450 TOWER PIVOTING EMBED./BOLT. BASE Zn+RE	1	13
313401	8424450169322	450 TOWER PIVOTING EMBED./BOLT. BASE HDG+RE	1	13
313412	8424450201497	450XL T. PIVOTING EMBED./BOLT. BASE HDG+RED	1	14
313501	8424450170779	450 TOWER FIXED EMBEDDED BASE RCP	1	13
313502	8424450181232	450 TOWER FIXED EMBEDDED BASE HDG	1	13
313810	8424450181249	550XL TOW. TOP MAST HOLDER HDG+RED 0.25m	1	14
313901	8424450150207	550 TOWER LOWER PIVOTING Zn+RE 3m	1	14
313902	8424450177723	550 TOWER LOWER PIVOTING HDG+RE 3m	1	14
313911	8424450178959	550XL TOWER LOWER PIVOTING HDG+RE 3m	1	14
3140	8424450137666	550 TOWER MIDDLE Zn+RED 3m	1	14
314001	8424450137000	550 TOWER MIDDLE Zn+WH 3m	1	14
314002	8424450177716	550 TOWER MIDDLE HDG+RED 3m	1	14
314003	8424450177709	550 TOWER MIDDLE HDG+WH 3m	1	14
314010	8424450178973	550XL TOWER MIDDLE HDG+RED 3m	1	14
314011	8424450178980	550XL TOWER MIDDLE HDG+WH 3m	1	14
3141	8424450137673	550 TO 450 TOWER TRANSITION Zn+RE 3m	1	14
314101	8424450177693	550 TO 450 TOWER TRANSITION HDG+RE 3m	1	14
3142	8424450137680	550 TOWER PIVOTING EMBED./BOLT. BASE Zn+RE	1	14
314201	8424450177747	550TOWER PIVOTING EMBED./BOLT.BASE HDG+RE	1	14
314210	8424450178997	550XL TOWER PIVOTING EMBED. BASE HDG+RE	1	14
3143	8424450137697	550 TOWER FIXED EMBEDDED BASE RCP	1	14
314301	8424450181256	550 TOWER FIXED EMBEDDED BASE HDG	1	14
3144	8424450137703	450/550 TOWER GUY WIRE RING RCP	1	13
3144	8424450137703	450/550 TOWER GUY WIRE RING RCP	1	14
314401	8424450177730	450/550 TOWER GUY WIRE RING HDG	1	13
314401	8424450177730	450/550 TOWER GUY WIRE RING HDG	1	14
314502	8424450203835	450XL BURIED-PLATE ANC. W/GUY WIRE H.D.G.	1	14
3802	4031136042141	"F" CONNECTOR COMPRESS(COAX,SK) BOX50	50/500	36
3808	4031136040581	F CONNECTOR THREADED O-RING (CXT5) BOX100	100/1000	36
381730	8424450197875	ELBOWED ADAPTER "F" FEM-"IEC" MALE BOX50	50	36
3821	4031136040512	ADAPTER "QUICK F" MALE - MALE BOX50	50/500	31
3821	4031136040512	ADAPTER "QUICK F" MALE - MALE BOX50	50/500	36
3851	4031136022068	CABLE LEAD "F" COMPRESS. WHI. 1.5m	30	48
385101	4031136022075	CABLE LEAD "F" COMPRESS. WHI. 3m	20	48
385102	4031136022082	CABLE LEAD "F" COMPRESS. WHI. 5m	15	48
3852	4031136022150	CABLE LEAD "IEC" M-F COMPRESS. WHI.1.5m	30	48
385201	4031136022167	CABLE LEAD "IEC" M-F COMPRESS. WHI. 3m	20	48
385202	4031136022174	CABLE LEAD "IEC" M-F COMPRESS. WHI. 5m	15	48
3853	4031136022198	CABLE LEAD F COMP.-QUICK F PRO WHI.1.5m	30	48
385301	4031136022204	CABLE LEAD "F" COMP.-QUICK F PRO WHI.3m	20	48

CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
385302	4031136022211	CABLE LEAD "F" COMP-QUICK F PRO WHI.5m	15	48
3854	4031136022129	CABLE LEAD "F"-"IEC" F COMPRESS.WHI.1.5m	30	48
385401	4031136022136	CABLE LEAD "F"-"IEC" F COMPRESS.WHI.3m	20	48
385402	4031136022143	CABLE LEAD "F"-"IEC" F COMPRESS.WHI.5m	15	48
385501	4031136022266	CABLE LEAD "F" COMP-"IEC" F PRO WHI.3m	20	48
3856	4031136022099	CABLE LEAD "F"-"IEC" M COMPRESS.WHI.1.5m	30	48
385601	4031136022105	CABLE LEAD "F"-"IEC" M COMPRESS.WHI.3m	20	48
385602	4031136022112	CABLE LEAD "F"-"IEC" M COMPRESS.WHI.5m	15	48
385701	4031136022297	CABLE LEAD "F" COMP-"IEC" M PRO WHI.3m	20	48
3858	4031136022228	CABLE "IEC" M COMP-"IEC" F PRO WHI.1.5m	30	48
385801	4031136022235	CABLE "IEC" M COMP-"IEC" F PRO WHI.3m	20	48
385802	4031136022242	CABLE "IEC" M COMP-"IEC" F PRO WHI.5m	15	48
4005	8424450040058	ADJUST.ATTENU. "F" 0...20dB S..2200MHz +DC	01/10/20	21
400610	8424450180563	LINE AMPLIF. 1I/10 UHF G13dB V098dBuV	01/10/20	20
400610	8424450180563	LINE AMPLIF. 1I/10 UHF G13dB V098dBuV	01/10/20	21
400620	8424450206355	LINE AMPLIF. 1I/10 UHF G13dB V098dBuV	01/10/20	20
400620	8424450206355	LINE AMPLIF. 1I/10 UHF G13dB V098dBuV	01/10/20	21
4007	8424450040072	NOTCH FILTER "F" UHF 1 CHANNEL	01/10/20	20
4007	8424450040072	NOTCH FILTER "F" UHF 1 CHANNEL	01/10/20	21
4008	8424450040089	SAT SIMULATOR 950...2150MHz	1	45
403101	8424450154564	MR LTE FILTER "F" 470...774MHz (Ch21-58)	01/10/20	15
403201	8424450188965	MR LTE FILTER "F" 47...694MHz (Ch21-48) DC	01/10/20	15
403210	8424450209134	HR LTE FILTER "IEC" 47...694MHz (Ch21-48)	01/10/20	15
403220	8424450209141	HR LTE FILTER "F" 47...694MHz (Ch21-48)	01/10/20	15
403301	8424450165560	VHR LTE MICROCAVIT. FILTER "F" 5...790MHz	1/14	15
403302	8424450166161	VHR LTE MICROCAVIT. FILTER "F" 5...782MHz	1/14	15
403304	8424450176658	UHR LTE MICROCAVIT. FILTER "F" 5...782MHz	01/10/20	15
403401	8424450154571	HR LTE FILTER "F" 47...790MHz (Ch21-60) SELEC.	01/10/20	15
403402	8424450179017	HR LTE FILTER "F" 47...782MHz (Ch21-59) SELEC.	01/10/20	15
404010	8424450179734	MAST TRIPLEX. BI/FM-BIII/DAB-UHF +DC ORANG	01/10/20	15
404110	8424450179741	MAST TRIPLEX. VHF-UHF-UHF + DC ORANGE	01/10/20	15
404401	8424450167045	HR LTE FILTER "IEC" 47...782MHz (Ch21-59)	10/50	15
404411	8424450167823	BAG.MR LTE FILTER "IEC" 470...774MHz (Ch21-58)	10	15
404411	8424450167823	BAG.MR LTE FILTER "IEC" 470...774MHz (Ch21-58)	10	47
404412	8424450167830	BAG.HR LTE FILTER "IEC" 47...790MHz (Ch21-60)	10	15
404412	8424450167830	BAG.HR LTE FILTER "IEC" 47...790MHz (Ch21-60)	10	47
405101	8424450154588	MR LTE FILTER "EasyF" 470...774MHz (Ch21-58)	01/10/20	15
405202	8424450186015	HR LTE FILTER "EasyF" 47...694MHz (Ch21-48)	01/10/20	15
405203	8424450209127	HR LTE FILTER EasyF 47...694MHz (Ch21-48) DC	01/10/20	15
405401	8424450154595	HR LTE FILTER "EasyF" 47...790MHz (Ch21-60)	01/10/20	15
405402	8424450168448	HR LTE FILTER "EasyF" 47...782MHz (Ch21-59)	01/10/20	15
405701	8424450150924	TWIN ADAPTOR "EasyF" MALE - "F" FEMALE	10	36
4058	8424450040584	TERMINAL LOAD "F" 750hm DC	10/200	32
4058	8424450040584	TERMINAL LOAD "F" 750hm DC	10/200	34
4058	8424450040584	TERMINAL LOAD "F" 750hm DC	10/200	36
405802	4031136040475	TERMINAL LOAD "F" 750hm DC BOX100	100	32
405802	4031136040475	TERMINAL LOAD "F" 750hm DC BOX100	100	34
405802	4031136040475	TERMINAL LOAD "F" 750hm DC BOX100	100	36
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	20
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	21
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	23
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	24
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	25
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	32
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	34
4061	8424450040614	TERMINAL LOAD "F" 750hm W/ DC BLOCKED	10/200	36
4066	8424450040669	JOINT CONNECTOR FOR COAXIAL CABLE	25	36
4071	8424450040713	DC BLOCKER "F"	10	21
4071	8424450040713	DC BLOCKER "F"	10	23
4071	8424450040713	DC BLOCKER "F"	10	24
4071	8424450040713	DC BLOCKER "F"	10	25
4071	8424450040713	DC BLOCKER "F"	10	36
4087	8424450040874	TERMINAL LOAD "EasyF" 750hm NO DC	25	32
4087	8424450040874	TERMINAL LOAD "EasyF" 750hm NO DC	25	33
4087	8424450040874	TERMINAL LOAD "EasyF" 750hm NO DC	25	36
408701	4031136042011	TERMINAL LOAD "EasyF" 750hm NO DC BOX100	100	32
408701	4031136042011	TERMINAL LOAD "EasyF" 750hm NO DC BOX100	100	33
408701	4031136042011	TERMINAL LOAD "EasyF" 750hm NO DC BOX100	100	36
4104	8424450041048	"F" CONNECTOR COMPRESS(T100/CXT60) BOX50	50/500	36
4105	8424450041055	"F" CONNECTOR COMPRESS(CXT5/CXT50) BOX50	50/500	36
4106	8424450041062	"F" CONNECTOR COMPRESSION (TR165) BOX25	25/250	36
410701	8424450154182	"QUICK F" CONN.COMPR.ELB(T100/CXT60) BOX25	25/250	36

Ref.	EAN 13	Label Product Description		P.
410901	8424450201589	"F" CONNECTOR.COMPR.ELBOWED(T100/CXT60)	25	36
4120	8424450041208	"F" CONNECTOR FOR 1/2" CABLE	1/20	36
4122	8424450041222	SCATV 5/8" CONNECTOR FOR TR165 CABLE	1	36
4123	8424450041239	ADAPTER 5/8" MALE - "F" FEMALE	1/20	36
4127	8424450041277	"F" CONNECTOR THREADED O-RING (CXT5)	30/720	36
4130	8424450041307	"IEC" CONNECTOR MALE ELBOWED SHIELDED	25/250	36
4131	8424450041314	"IEC" CONNECTOR FEMALE ELBOWED SHIELD.	25/250	36
413210	8424450172339	PROEasyF IEC CONNECTOR MA.ELBOW. A+	25/250	36
413310	8424450172346	PROEasyF IEC CONNECTOR FE.ELBOW. A+	25/250	36
413410	8424450172438	PROEasyF QUICK F CONNECTOR ELBOW. A+	25/250	36
413501	8424450198988	C.COAX. SK125plus PVC Eca/A+ 18VatC WH.100m	100	37
413502	8424450198995	C.COAX. SK125plus PVC Eca/A+ 18VatC WH.250m	250	37
413503	8424450199008	C.COAX. SK125plus PVC Eca/A+ 18VatC WH.500m	500	37
413601	8424450174173	COAX.CAB.SK100+ PVC Eca/A+ 18VatC WH.100m	100	38
413602	8424450174180	COAX.CAB.SK100+ PVC Eca/A+ 18VatC WH.250m	250	38
413603	8424450174197	COAX.CAB.SK100+ PVC Eca/A+ 18VatC WH.500m	500	38
413707	8424450175477	COAX.CAB.SK110+ PVC Eca/A+ 18VatC BL.250m	250	37
413708	8424450199039	COAX.CAB.SK110+ PVC Eca/A+ 18VatC WH.250m	250	37
4138	4031136021917	COAX.C.SK2000+ PVC Eca/A++ 18VatC WH.100m	100	37
413801	4031136021924	COAX.C.SK2000+ PVC Eca/A++ 18VatC WH.500m	500	37
413802	4031136021931	COAX.C.SK2000+ PVC Eca/A++ 18VatC WH.250m	250	37
413910	8424450190524	C.COAX.SK2020+ LSFH B2ca /A++ 18AtC WH.100m	100	37
413911	8424450191491	C.COAX.SK2020+ LSFH B2ca /A++ 18AtC WH.250m	250	37
413912	8424450190531	C.COAX.SK2020+ LSFH B2ca /A++ 18AtC WH.500m	500	37
414002	8424450152324	COAX.CAB.SK2003+ LSFH Dca/A+ 18AtC BL.100m	100	37
414003	8424450179338	COAX.CAB.SK2003+ LSFH Dca/A+ 18AtC BL.250m	250	37
414004	8424450185308	COAX.CAB.SK2003+ LSFH Dca/A+ 18AtC BL.500m	500	37
414801	8424450170106	COAX.CAB.SK6F+ PVC Eca/A+ 19VatC WH.100m	100	38
414802	8424450168110	COAX.CAB.SK6F+ PVC Eca/A+ 19VatC WH.250m	250	38
414803	8424450181072	COAX.CAB.SK6F+ PVC Eca/A+ 19VatC WH.500m	500	38
414901	8424450199015	C.COAX.SK2015plus LSFH Cca/A++ 18AtC WH.100m	100	37
414902	8424450199022	C.COAX.SK2015plus LSFH Cca/A++ 18AtC WH.250m	250	37
4162	8424450041628	NOTCH FILTER "IEC" BI/FM/BIII/UHF 2 CHANNELS	01/10/20	20
4162	8424450041628	NOTCH FILTER "IEC" BI/FM/BIII/UHF 2 CHANNELS	01/10/20	21
4163	8424450041635	OUTDOOR CASE GREY LARGE MODEL	01/05/20	11
4163	8424450041635	OUTDOOR CASE GREY LARGE MODEL	01/05/20	15
4163	8424450041635	OUTDOOR CASE GREY LARGE MODEL	01/05/20	32
4163	8424450041635	OUTDOOR CASE GREY LARGE MODEL	01/05/20	33
4163	8424450041635	OUTDOOR CASE GREY LARGE MODEL	01/05/20	34
417101	8424450166154	"F" CONNECT. THREAD.O-RING (T100) BOX100	100/1000	36
417102	8424450190081	"F" CONNECT. THREAD.O-RING (T100) BOX50	50	36
4173	8424450041734	ADAPTER "F" FEMALE - "F" FEMALE	10/200	36
4176	8424450041765	"QUICK F" CONNECTOR ELBOWED SHIELDED	25/250	36
4177	8424450041772	OUTDOOR CASE BLACK SMALL MODEL	01/05/20	32
4177	8424450041772	OUTDOOR CASE BLACK SMALL MODEL	01/05/20	33
4177	8424450041772	OUTDOOR CASE BLACK SMALL MODEL	01/05/20	34
417801	8424450172469	OUTDOOR CASE BLACK MINI MODEL	01/10/20	32
417801	8424450172469	OUTDOOR CASE BLACK MINI MODEL	01/10/20	33
418001	8424450197943	WEATHERPROOF CAP "F" COMP/CRIMP. CON.	10/250	36
422601	8424450149454	PATCH CABLE POWERING T.OX FROM T05 0.4m	01/05/20	23
422601	8424450149454	PATCH CABLE POWERING T.OX FROM T05 0.4m	01/05/20	24
4301	8424450043011	BLISTER END OUTLET TV/FM-SAT 0.6-1.5dB+DC	8	48
4303	8424450043035	BAG. "IEC" CONNECTOR FEMALE STRAIGHT	10	49
4305	8424450043059	BAG. "IEC" CONNECTOR MALE STRAIGHT	10	49
4306	8424450043066	BAG. "F" CONNECTOR + CAP T-100	10	49
4307	8424450043073	BAG. ADAPTER "F" FEMALE-"F" FEMALE	10	49
4309	8424450043097	BAG. JOINT CONNECTOR FOR COAXIAL CABLE	10	49
431001	8424450160541	BLIST. CABLE LEAD "IEC" ELB.SHL.M-F GR.1.5m	8	48
431002	8424450160626	BLIST. CABLE LEAD "IEC" ELB.SHL.M-F GR.2.5m	8	48
4311	8424450043110	BLISTER CABLE LEAD "IEC" M-F WHITE 2.5m	8	48
4312	8424450043127	BLISTER CABLE LEAD "IEC" M-F BLACK 1.5m	8	48
4314	8424450043141	BLISTER CABLE LEAD "IEC" M-F BLACK 2.5m	8	48
4315	8424450043158	BAG.ADJUST.ATTENUAT."IEC" 1..25dB V/U +DC	10	47
4316	8424450043165	BAG. "IEC" CONNECTORS M-F STRAIGHT	10	49
4317	8424450043172	BAG. 2"F" CONNECTORS THREAD.O-RING T100	10	49
4319	8424450043196	BLISTER SCART CABLE M-M BLACK 1.2m	10	49
4320	8424450043202	BAG. SPLITTER "IEC" 1M-2F + DC	10	47
4322	8424450043226	BAG. SPLITTER "IEC" 1F-2M + DC	10	47
432803	8424450173329	BAG.MINI-SPLITTER S..2400MHz "EasyF" 2W DC	8	47
432902	8424450143551	BLISTER SPLITTER S...2400MHz "EasyF" 4W +DC	8	47
4332	8424450043325	BLISTER TWIN LNB H/V-H/V C/OFFSET FEEDHO.	6	46
433401	8424450183168	BLIS. MAST TRIPLEX. 3I/10 VHF-UHF-UHF + DC	8	47

CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
4335	8424450043356	BLI. BRIDGED OUTLET+FACE PLATE+BACK BOX	8	48
4336	8424450043363	BLISTER BACK BOX FOR SURFACE MOUNTING	10	48
4340	8424450043400	BLISTER COMBINER 2/10 MATV-SAT + DC	8	47
434103	8424450170113	BLIS.MINI-SPLITT. 5..2400MHz "EasyF" 2W OUT.	10	32
434103	8424450170113	BLIS.MINI-SPLITT. 5..2400MHz "EasyF" 2W OUT.	10	47
434202	8424450143575	BLIS.SPLITTER 5..2400MHz "EasyF" 4W OUTD.	8	32
434202	8424450143575	BLIS.SPLITTER 5..2400MHz "EasyF" 4W OUTD.	8	47
435501	8424450167465	COAX. CABLE REEL PVC WHI. 20m	1/20	48
4360	8424450043608	BAG. OPENED CABLE CLIP	10	49
4361	8424450043615	GUY WIRE MOUNTING KIT	5	49
4365	8424450043653	BLISTER UNIVERSAL LNB H/V W/OFFSET FEED.	6	46
4371	8424450043714	BLIST.COAXIAL CABLE CXT PVC CU/AL WHI.10m	10	48
4372	8424450043721	BLI. END OUTLET TV-FM 4.5-18dB +FACE PLATE	8	48
4373	8424450043738	BLIS. THROUGH OUTLET LOW L. TV-FM 9.5-24dB	8	48
437401	8424450133644	BAG. "IEC" CONNECTOR MAL. ELBOW. A+	10	49
437410	8424450201060	BAG. IEC CONNECTOR MALE ELBOWED SHIELDED	10	49
437501	8424450133675	BAG. "IEC" CONNECTOR FEM. ELBOW.A+	10	49
437510	8424450201077	BAG. IEC CONNEX. FEMALE ELBOWED SHIELDED	10	49
437601	8424450133712	BAG."IEC" CONNECTORS M+F ELBOW. A+	10	49
437610	8424450201084	BAG."IEC" CONNECTORS M+F ELBOW.SHIELDED	10	49
4377	8424450043776	BLISTER SCART-2RCA CABLE M-M BLACK 1.5m	10	42
4377	8424450043776	BLISTER SCART-2RCA CABLE M-M BLACK 1.5m	10	49
438640	8424450175019	BLIS.MAST AMP3/10 +PSU 12V (561601+5796)	8	47
438840	8424450175026	BLIS.MAST AMP3/10 +PSU 12V (561501+5796)	8	47
4389	8424450043899	BLISTER CABLE LEAD "IEC" M-F WHITE 1.5m	8	48
4508	8424450144763	DTKOM AMP. 4/10 "F" M-VHF-UHF-UHF	1	19
4509	8424450144770	DTKOM AMP. 5/10 "F" M-VHF-21..35-39..69-U	1	19
451203	8424450177587	DTKOM AMP. 11/10 "F" RET(5..65)/MATV(1G) Vo129	1	19
451803	8424450192955	TAP 5...1218MHz "F" 1W 14dB	01/10/20	34
4519	8424450045190	TAP 5...1000MHz "F" 1W 17dB	01/10/20	34
451903	8424450192962	TAP 5...1218MHz "F" 1W 17dB	01/10/20	34
453003	8424450192900	SPLITTER 5...1218MHz "F" 2W 4dB	01/10/20	32
453103	8424450192924	SPLITTER 5...1218MHz "F" 4W 8dB	01/10/20	32
453203	8424450192917	SPLITTER 5...1218MHz "F" 3W 6dB	01/10/20	32
453303	8424450192948	SPLITTER 5...1218MHz "F" 8W 11dB	01/10/20	32
453403	8424450192931	SPLITTER 5...1218MHz "F" 6W 10dB	01/10/20	32
4560	8424450045602	TAP 5...1000MHz "F" 2W 4dB	01/10/20	34
4561	8424450045619	TAP 5...1000MHz "F" 2W 8dB	01/10/20	34
456103	8424450193013	TAP 5...1218MHz "F" 2W 8dB	01/10/20	34
456203	8424450193020	TAP 5...1218MHz "F" 2W 11dB	01/10/20	34
456303	8424450193037	TAP 5...1218MHz "F" 2W 14dB	01/10/20	34
456603	8424450192979	TAP 5...1218MHz "F" 2W 23dB	01/10/20	34
4567	8424450045671	TAP 5...1000MHz "F" 2W 26dB	01/10/20	34
456703	8424450192986	TAP 5...1218MHz "F" 2W 26dB	01/10/20	34
457103	8424450193044	TAP 5...1218MHz "F" 4W 8dB	01/10/20	34
457203	8424450193051	TAP 5...1218MHz "F" 4W 11dB	01/10/20	34
457303	8424450193068	TAP 5...1218MHz "F" 4W 14dB	01/10/20	34
457403	8424450193075	TAP 5...1218MHz "F" 4W 17dB	01/10/20	34
457503	8424450193082	TAP 5...1218MHz "F" 4W 20dB	01/10/20	34
457603	8424450192993	TAP 5...1218MHz "F" 4W 23dB	01/10/20	34
4577	8424450045770	TAP 5...1000MHz "F" 4W 26dB	01/10/20	34
457703	8424450193006	TAP 5...1218MHz "F" 4W 26dB	01/10/20	34
457803	8424450193099	TAP 5...1218MHz "F" 8W 12dB	01/10/20	34
4579	8424450045794	TAP 5...1000MHz "F" 8W 14dB	01/10/20	34
457903	8424450193105	TAP 5...1218MHz "F" 8W 14dB	01/10/20	34
458003	8424450193112	TAP 5...1218MHz "F" 8W 17dB	01/10/20	34
458103	8424450193129	TAP 5...1218MHz "F" 8W 20dB	01/10/20	34
4611	8424450046111	TAP 5...1000MHz "F" - 5/8" 2W 35dB OUTDOOR	1	34
4622	8424450046227	SPLITTER 5...1000MHz 5/8" 2W 6dB OUTDOOR	1	33
4623	8424450046234	SPLITTER 5...1000MHz 5/8" 3W 10dB OUTDOOR	1	33
494501	8424450144152	BLISTER HDMI CABLE M-M BLACK 1.5m	8	49
494502	8424450146019	BLISTER HDMI CABLE M-M BLACK 3m	10	49
494503	8424450146026	BLISTER HDMI CABLE M-M BLACK 5m	10	49
494505	8424450160855	HDMI CABLE MALE-MALE BLACK 1.5m	100	49
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	7
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	20
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	21
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	23
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	24
4947	8424450120910	COAXIAL ATMOSPHERIC SURGE ARRESTOR 90V	1/20	25
4951	8424450140154	BLISTER. MAST CLAMP RCP Ø25..45mm	8	49
4952	8424450140178	BLISTER. U-BOLT FOR MAST CLAMP Ø25..45mm	8	49

Ref.	EAN 13	Label Product Description		P.
5069	8424450050699	LOCKABLE CABINET 648mm 14 T12/T05 MOD	1	21
5069	8424450050699	LOCKABLE CABINET 648mm 14 T12/T05 MOD	1	24
5071	8424450050712	WALL MOUNT 498mm	1	21
5071	8424450050712	WALL MOUNT 498mm	1	23
5071	8424450050712	WALL MOUNT 498mm	1	24
5071	8424450050712	WALL MOUNT 498mm	1	25
5072	8424450050729	LOCKABLE CABINET 498mm 10 T12/T05 MOD	1	21
5072	8424450050729	LOCKABLE CABINET 498mm 10 T12/T05 MOD	1	24
507203	8424450149393	LOCKABLE CABINET VENTILATION 7 T.OX MOD	1	23
507203	8424450149393	LOCKABLE CABINET VENTILATION 7 T.OX MOD	1	25
507204	8424450186374	LOCKABLE CABINET VENTILATION 4 T.OX MOD	1	23
507204	8424450186374	LOCKABLE CABINET VENTILATION 4 T.OX MOD	1	25
507312	8424450160275	T12/T05 BLANK PLATE 35mm-5RU	1	21
5074	8424450050743	T12 "F" CONNECTOR LINK PUSH 48mm	10	21
508012	8424450159538	T12 SAT AMP.950..2150MHz G35..50dB Vo124dB	1	21
508212	8424450050828	T12 FM AMP. 88..108MHz G35dB Vo114dBµV	1	21
508312	On Request	T12 BIII AMP. 174..230MHz G45dB Vo123dBµV	1	21
508612	On Request	T12 DTT AMP. 470..862MHz G50dB Vo125dBµV	1	21
509812	On Request	T12 SELEC.AMP. 470..862MHz G55dB Vo125dBµ	1	21
509912	8424450050996	T12 DAB AMP. 195..232MHz G45dB Vo114dBµV	1	21
512501	8424450173565	TVMOTION TRIMOTION TERRESTRIAL STB	1	6
5130	8424450051306	TAP 5...2400MHz "F" 2W 12dB TA	01/10/20	33
5131	8424450051313	TAP 5...2400MHz "F" 2W 15dB A	01/10/20	33
5132	8424450051320	TAP 5...2400MHz "F" 2W 18dB B	01/10/20	33
5133	8424450051337	TAP 5...2400MHz "F" 2W 23dB C	01/10/20	33
5134	8424450051344	TAP 5...2400MHz "F" 2W 27dB D	01/10/20	33
5135	8424450051351	TAP 5...2400MHz "F" 6W 19dB TA	01/10/20	33
5136	8424450051368	TAP 5...2400MHz "F" 6W 21dB A	01/10/20	33
5137	8424450051375	TAP 5...2400MHz "F" 6W 25dB B	01/10/20	33
514110	8424450168356	TAP 5...2400MHz "F" 4W 12dB TA + DC	01/10/20	33
514210	8424450168363	TAP 5...2400MHz "F" 4W 16dB A + DC	01/10/20	33
514310	8424450168370	TAP 5...2400MHz "F" 4W 19dB B + DC	01/10/20	33
514410	8424450168387	TAP 5...2400MHz "F" 4W 24dB C + DC	01/10/20	33
5145	8424450051450	TAP 5...2400MHz "F" 4W 29dB D	01/10/20	33
5146	8424450103104	TAP 5...2400MHz "F" 8W 19dB TA	01/10/20	33
5147	8424450103111	TAP 5...2400MHz "F" 8W 20dB A	01/10/20	33
5148	8424450103128	TAP 5...2400MHz "F" 8W 25dB B	01/10/20	33
5150	8424450051504	SPLITTER 5...2400MHz "F" 2W 4/5dB	01/10/20	32
5151	8424450051511	SPLITTER 5...2400MHz "F" 3W 7/9dB	01/10/20	32
5152	8424450051528	SPLITTER 5...2400MHz "F" 4W 8/10dB	01/10/20	32
5153	8424450051535	SPLITTER 5...2400MHz "F" 5W 10/12dB	01/10/20	32
5155	8424450051559	SPLITTER 5...2400MHz "F" 2W 4/5dB + DC	01/10/20	32
5156	8424450051566	SPLITTER 5...2400MHz "F" 4W 8/10dB + DC	01/10/20	32
5157	8424450051573	SPLITTER 5...2400MHz "F" 5W 10/12dB + DC	01/10/20	32
5158	8424450051580	SPLITTER 5...2400MHz "F" 6W 11/14dB + DC	01/10/20	32
5159	8424450051597	SPLITTER 5...2400MHz "F" 8W 12/15dB + DC	01/10/20	32
5165	8424450051658	ADJUST.ATTENU. "IEC" 0..20dB 40..860MHz +DC	10	21
5226	8424450052266	END OUTLET.DIPLX. TV/FM-SAT 0.6-1.5dB+DC	10/100	35
522610	8424450161227	END OUTLET.DIPLX. TV/FM-SAT 0.6-1.5dB+DC	10/100	35
5227	8424450052273	THROUGH OUTLET TV/FM-SAT 13-14dB+DC	10/100	35
5228	8424450052280	THROUGH OUTLET TV/FM-SAT 8.5-10dB+DC	10/100	35
5229	8424450052297	END OUTLET TV/FM-SAT 4-5dB+DC	10/100	35
5230	8424450052303	END OUTLET TV-FM 4.5-18dB	10/100	35
5231	8424450052310	THROUGH OUTLET LOW LOSS. TV-FM 9.5-24dB	10/100	35
523110	8424450161210	THROUGH OUTLET LOW LOSS. TV-FM 9.5-24dB	10/100	35
5232	8424450052327	END OUTLET.DIPLX. 5..1000MHz TV-FM 0.5-3dB	10/100	35
5233	8424450052334	THROUGH OUTLET 5...1000MHz TV-FM 7-26dB	10/100	35
5236	8424450102800	THROUGH OUTLET TV/FM-SAT 20-24dB+DC	10/100	35
5239	8424450052396	WALL MOUNT 560mm	1	21
5239	8424450052396	WALL MOUNT 560mm	1	23
5239	8424450052396	WALL MOUNT 560mm	1	24
5239	8424450052396	WALL MOUNT 560mm	1	25
524001	8424450135754	END OUTLET MULTIM. TV-FM-DATA 8-7-3.6dB	10/100	35
524501	8424450188606	END OUTLET TRIP. TV/FM-SAT1-SAT2 1-1.5-1dB+DC	10/100	35
524603	4031136068660	END OUTLET.TRIPLEX. TV-FM-SAT 4-4-1.5dB+DC	10/100	35
524701	8424450135761	THROUGH OUTLET MULT.TV-FM-DATA 12-14.5-12	10/100	35
524801	8424450133606	THROUGH OUTLET MULT.TV-FM-DATA 19-20-17.5	10/100	35
5249	8424450133613	THROUGH OUTLET MULT.TV-FM-DATA 23.5-23-22	10/100	35
5250	8424450134825	END OUTLET TRI.TV-FM-SAT/DAT. 5-3-8-6.5/4.5dB	10/100	35
5270	8424450052709	THROUGH OUTLET BRIDGED	10/100	35
527402	8424450145418	FACE PLATE WHITE TV/R-SAT-DATA OUTLET	12	35
5275	8424450136782	FACE PLATE WHITE TV-R-SAT-DATA OUTLET	10	35

CORRELATIVE

Ref.	EAN 13	Label Product Description	↓	P.
5276	8424450122853	END OUTLET.DIPL.TV/FM-SAT+DC W/O CLAMPS	10/100	35
527610	8424450178065	END OUTLET.DIPL.TV/FM-SAT+DC W/O CLAMPS	10/100	35
5301	8424450053010	19" RACK FRAME 5RU	1	21
5301	8424450053010	19" RACK FRAME 5RU	1	23
5301	8424450053010	19" RACK FRAME 5RU	1	24
5301	8424450053010	19" RACK FRAME 5RU	1	25
5317	8424450053171	MINIKOM AMP.RET+MATV+2SAT "F" G(-5)/30..33/33..38	1	18
531710	8424450188385	MINIKOM AMP.RET+MATV+SAT "F" G(-5)/35/33..38	1	18
532101	8424450201435	AVANTX BASIC FM-4xV/U 32 FILTERS AUTOLTE	1	20
532111	8424450201442	AVANTX BASIC-SAT FM-4xV/U-SAT 32FIL.AUTOLTE	1	20
532121	8424450201459	AVANTX PRO FM-4xV/U 32 FILTERS AUTOLTE	1	20
532131	8424450201466	AVANTX PRO-SAT FM-4xV/U-SAT 32FIL.AUTOLTE	1	20
533106	8424450181997	19" RACK CABINET 6RU - WALL/GROUND	1	27
533106	8424450181997	19" RACK CABINET 6RU - WALL/GROUND	1	40
533108	8424450182000	19" RACK CABINET 8RU - WALL/GROUND	1	27
533108	8424450182000	19" RACK CABINET 8RU - WALL/GROUND	1	40
533113	8424450182017	19" RACK CABINET 13RU - WALL/GROUND	1	27
533113	8424450182017	19" RACK CABINET 13RU - WALL/GROUND	1	40
533117	8424450181973	19" RACK CABINET 17RU - WALL/GROUND	1	27
533117	8424450181973	19" RACK CABINET 17RU - WALL/GROUND	1	40
533124	8424450181980	19" RACK CABINET 24RU - GROUND	1	27
533124	8424450181980	19" RACK CABINET 24RU - GROUND	1	40
533150	8424450182567	19" RACK PANEL 1RU - 24 F CONNECTORS	1	27
533150	8424450182567	19" RACK PANEL 1RU - 24 F CONNECTORS	1	40
533151	8424450182581	19" RACK PANEL 1RU - 24 RJ45 CONNECTORS	1	27
533151	8424450182581	19" RACK PANEL 1RU - 24 RJ45 CONNECTORS	1	40
533152	8424450182598	19" SPLICE BOX 1RU - 24 SC CONNECTORS	1	27
533152	8424450182598	19" SPLICE BOX 1RU - 24 SC CONNECTORS	1	40
533153	8424450192283	T.OX 19" RACK PANEL 1RU - 2x7 CONNECT.F	1	23
533153	8424450192283	T.OX 19" RACK PANEL 1RU - 2x7 CONNECT.F	1	27
533153	8424450192283	T.OX 19" RACK PANEL 1RU - 2x7 CONNECT.F	1	40
533154	8424450192337	19" RACK CABLE MANAGEM.1RU - 5 HOLES	1	27
533154	8424450192337	19" RACK CABLE MANAGEM.1RU - 5 HOLES	1	40
533155	8424450192320	19" RACK TRAY 2RU - 265mm	1	27
533155	8424450192320	19" RACK TRAY 2RU - 265mm	1	40
533156	8424450192344	19" RACK CABLE MANAGEM.1RU - 5 RINGS	1	27
533156	8424450192344	19" RACK CABLE MANAGEM.1RU - 5 RINGS	1	40
533157	8424450200667	19" SPLICE BOX 2RU - 48 SC CONNECTORS	1	27
533157	8424450200667	19" SPLICE BOX 2RU - 48 SC CONNECTORS	1	40
533161	8424450192290	BLANK PANEL 19" RACK 1RU	1	27
533161	8424450192290	BLANK PANEL 19" RACK 1RU	1	40
533163	8424450192306	BLANK PANEL 19" RACK 3RU	1	27
533163	8424450192306	BLANK PANEL 19" RACK 3RU	1	40
533165	8424450192313	BLANK PANEL 19" RACK 5RU	1	27
533165	8424450192313	BLANK PANEL 19" RACK 5RU	1	40
533170	8424450192351	SCREW KIT (50U) - RACK 19"	1	27
533170	8424450192351	SCREW KIT (50U) - RACK 19"	1	40
5332	8424450053324	19" RACK CABINET 37RU	1	21
5332	8424450053324	19" RACK CABINET 37RU	1	23
5332	8424450053324	19" RACK CABINET 37RU	1	24
5332	8424450053324	19" RACK CABINET 37RU	1	25
5333	8424450117934	19" RACK CABINET 15RU	1	21
5333	8424450117934	19" RACK CABINET 15RU	1	23
5333	8424450117934	19" RACK CABINET 15RU	1	24
5333	8424450117934	19" RACK CABINET 15RU	1	25
533501	8424450128855	DTKOM AMP."11/10 "F" RET.P(S..65)/MATV/SAT	1	19
5337	8424450128817	DTKOM AMP. 2/120 "F" RET.(S..30)+MATV+2SAT	1	19
5338	8424450128886	DTKOM AMP. MATV 11/10 "F" V/U G41..53dB	1	19
534040	8424450171233	DTKOM AMP. MATV 3/10 "F" FM-BIII-UHF	1	19
5341	8424450128893	DTKOM AMP. 5/10 "F" BI/FM-BIII-21..36-38..69-U	1	19
534140	8424450171240	DTKOM AMP. 5/10 "F" FM-BIII-21..35-38..60-U	1	19
534141	8424450171257	DTKOM AMP. 5/10 "F" FM-BIII-21..32-36..60-U	1	19
534211	8424450179093	AMP. MICROKOM T4 RET.P/MATV G(- 20)(20 25)dB	1	19
534411	8424450179086	AMP. MICROKOM T4 RET.P/MATV G(- 20)(28 35)dB	1	19
5354	8424450053546	MAS.AMP.12..24V 2/4 U/Vmx-SATmx G20 Vo93 OR.	01/05/20	16
535640	8424450173572	MAS.AMP.24V 11/10 FM-BIII/DAB/U G41 Vo116	01/05/20	16
535740	8424450173589	MAS.AMP.24V 3/10 FM-BIII/DAB-U G42 Vo116	01/05/20	16
535840	8424450173596	MAS.AMP.24V 4/1 FM-B3/DAB-U G41 Vo116	01/05/20	16
536040	8424450167977	MAS.AMP.12V 2/10 BIII/DAB-U G26dB Vo114	01/05/20	16
536041	8424450167984	MAS.AMP.12V 3/10 BIII/DAB-U U G26dB Vo114	01/05/20	16
5363	8424450053638	MINIKOM AMP.SAT 2/1 "F" G35..45dB +MATV MIX	1	18
536310	8424450161685	MINIKOM AMP.SAT 2/1 F G35..45dB+MATV 110Vac	1	18

Ref.	EAN 13	Label Product Description	↓	P.
5372	8424450053720	MINIKOM AMP.IR-PASS MATV 2I/(7+1)O "F" V-U UK	1	18
537302	8424450144183	MINIKOM AMP. 11/10 "F" 47..454/470..862MHz	1	18
539201	8424450144107	MINIKOM AMP. MATV 4I/10 "F" FM-BIII/DAB-U	1	18
5396	8424450139479	MINIKOM AMP.MATV+SAT 4/1 "F" BI/FM-B3-U-SAT	1	18
539620	8424450208427	MINIKOM AMP.MATV+SAT 4/1 "F" FM-B3-U-SAT	1	18
542503	8424450165713	MINI-TAP 5...2400MHz "EasyF" 2W 12dB TA	10	33
542603	8424450165737	MINI-TAP 5...2400MHz "EasyF" 2W 16dB A	10	33
542703	8424450165744	MINI-TAP 5...2400MHz "EasyF" 2W 21dB B	10	33
542803	8424450165751	MINI-TAP 5...2400MHz "EasyF" 2W 25dB C	10	33
543503	8424450165768	MINI-SPLITTER 5...2400MHz "EasyF" 2W 4.3/4dB	10	32
543603	8424450165775	MINI-SPLITTER 5...2400MHz "EasyF" 3W 8.5/7.5dB	10	32
543702	8424450143735	SPLITTER 5...2400MHz "EasyF" 4W 9/7.5dB	10	32
543802	8424450143742	SPLITTER 5...2400MHz "EasyF" 5W 10/9.5dB	10	32
5440	8424450054406	FACE PLATE WHITE TV/R-SAT OUTLET	10	35
544002	8424450138847	FACE PLATE WHITE TV/R-SAT OUTLET	10	35
5441	8424450054413	FACE PLATE WHITE TV-R OUTLET	10	35
5442	8424450054420	BACK BOX WHITE SURFACE MOUNTING OUTLET	10	35
544301	8424450138861	FACE PLATE WHITE TV-R-SAT OUTLET	10	35
544302	8424450140017	FACE PLATE WHITE TV-R-SAT OUTLET	10	35
544402	8424450143766	TAP 5...2400MHz "EasyF" 4W 12dB TA	10	33
544502	8424450143773	TAP 5...2400MHz "EasyF" 4W 16dB A	10	33
544602	8424450143780	TAP 5...2400MHz "EasyF" 4W 20dB B	10	33
544702	8424450143797	TAP 5...2400MHz "EasyF" 4W 25dB C	10	33
545501	8424450150887	FACE PLATE OF DISTRIBUTION WHITE	10	32
545501	8424450150887	FACE PLATE OF DISTRIBUTION WHITE	10	33
545501	8424450150887	FACE PLATE OF DISTRIBUTION WHITE	10	34
545510	8424450176245	MINI FACE PLATE OF DISTRIBUTION WHITE	10	32
545510	8424450176245	MINI FACE PLATE OF DISTRIBUTION WHITE	10	33
545720	8424450188873	DOM.AMP.20+TV IEC 47..694MHz G20dB+DC	8	7
545720	8424450188873	DOM.AMP.20+TV IEC 47..694MHz G20dB+DC	8	17
545720	8424450188873	DOM.AMP.20+TV IEC 47..694MHz G20dB+DC	8	47
545801	8424450191507	DOM.AMP.20+TV "F" 47..694/782MHz AUT.ADJ+DC	8	7
545801	8424450191507	DOM.AMP.20+TV "F" 47..694/782MHz AUT.ADJ+DC	8	17
545801	8424450191507	DOM.AMP.20+TV "F" 47..694/782MHz AUT.ADJ+DC	8	47
545802	8424450191514	DOM.AMP.20+TV "F" 47..700/790MHz AUTO UK	8	7
545802	8424450191514	DOM.AMP.20+TV "F" 47..700/790MHz AUTO UK	8	17
545802	8424450191514	DOM.AMP.20+TV "F" 47..700/790MHz AUTO UK	8	47
545901	8424450191521	DOM.AMP.20+TV "F" 47..694/782MHz USOS +DC	1	7
545901	8424450191521	DOM.AMP.20+TV "F" 47..694/782MHz USOS +DC	1	17
546501	8424450161340	PASSIVE MULTIPLEXER "RJ45" 1M-9F LSFH 0.2m	1	40
546601	8424450166857	DATA/COAX MAIN ENCLOSURE CLOSED 48CONN.	1	40
546610	8424450166864	DATA/COAX MAIN PANEL OPEN 48CONNECT.	1	40
546620	8424450169117	COAX.ADAPT.SUPPORT "F" FEM - "F" FEM	1	40
546701	8424450178072	NETWORK TERMINAL ENCLOSURE	1	27
546701	8424450178072	NETWORK TERMINAL ENCLOSURE	1	40
5469	8424450118986	SPLITTER 5...2400MHz "EasyF" 6W 11/14dB	6	32
5489	8424450118993	SPLITTER 5...2400MHz "EasyF" 8W 14/16dB	6	32
5492	8424450119020	TAP 5...2400MHz "EasyF" 6W 16dB TA	6	33
5493	8424450119037	TAP 5...2400MHz "EasyF" 6W 20dB A	6	33
5494	8424450119051	TAP 5...2400MHz "EasyF" 6W 24dB B	6	33
549812	8424450160206	T12 SM PSU 60W 24V-2.5A	1	21
5501	8424450137543	PSU 11/20 "F" 5...862MHz 12V-220mA UK	1	7
5501	8424450137543	PSU 11/20 "F" 5...862MHz 12V-220mA UK	1	16
550101	8424450139332	PSU 11/20 "F" 5...862MHz 12V-220mA	1	16
5504	8424450139400	PSU 11/20 "F" 5...862MHz 24V-130mA	1	7
5504	8424450139400	PSU 11/20 "F" 5...862MHz 24V-130mA	1	16
550402	8424450141885	BLISTER PSU 11/20 "F" 5...862MHz 24V-130mA	8	47
5517	8424450055175	DOM.AMP.2/4 47..232-5..30/470..862MHz UK-SKY	01/05/20	17
5520	8424450055205	DOM.AMP. 20+TV "F" 5..65/87.5..862MHz G-7/20dB	8	17
552120	8424450188880	DOM.AMP. 20 "IEC" 47..694MHz G22dB Vo101dBµV	8	17
552220	8424450188866	DOM.AMP.20+TV F 47..694MHz G20dB Vo106	1	17
552240	8424450170588	DOM.AMP.20+TV "F" 47..790MHz G20dB Vo106	8	17
552240	8424450170588	DOM.AMP.20+TV "F" 47..790MHz G20dB Vo106	8	47
5523	8424450055236	DOM.AMP.40+TV "F" 47..862MHz G16dB Vo102dBµV	8	17
5523	8424450055236	DOM.AMP.40+TV "F" 47..862MHz G16dB Vo102dBµV	8	47
552320	8424450204580	DOM.AMP.40+TV "F" 47..694MHz G16dB Vo102	8	17
552320	8424450204580	DOM.AMP.40+TV "F" 47..694MHz G16dB Vo102	8	47
552340	8424450170601	DOM.AMP.40+TV "F" 47..790MHz G16dB Vo102dBµV	8	17
552340	8424450170601	DOM.AMP.40+TV "F" 47..790MHz G16dB Vo102dBµV	8	47
5525	8424450055250	DOM.AMP. 20+TV "F" 5..65/87.5..862MHz G-7/18dB	8	17
5526	8424450055267	DOM.AMP. 20+TV "F" 5..65/87.5..862MHz G9/20dB	8	17
552740	8424450170458	DOM.AMP. 10 "IEC" 47...790MHz G25dB Vo112dBµV	8	17

CORRELATIVE

Ref.	EAN 13	Label Product Description	+	P.
552740	8424450170458	DOM.AMP. 10 "IEC" 47...790MHz G25dB Vo112dBuV	8	47
552741	8424450170571	DOM.AMP. 10 "IEC" 47...790MHz G25dB Vo112 UK	5	17
552741	8424450170571	DOM.AMP. 10 "IEC" 47...790MHz G25dB Vo112 UK	5	47
552840	8424450170595	DOM.AMP. 20+TV "IEC" 47...790MHz G20dB Vo106	8	17
552840	8424450170595	DOM.AMP. 20+TV "IEC" 47...790MHz G20dB Vo106	8	47
5529	8424450055298	DOM.AMP. 40+TV "IEC" 47...862MHz G16dB Vo102	8	17
5529	8424450055298	DOM.AMP. 40+TV "IEC" 47...862MHz G16dB Vo102	8	47
552940	8424450170625	DOM.AMP. 40+TV "IEC" 47...790MHz G16dB Vo102	8	17
552940	8424450170625	DOM.AMP. 40+TV "IEC" 47...790MHz G16dB Vo102	8	47
5530	8424450055304	DOM.AMP. 20+TV "F" 5...2150MHz G18/20dB	8	17
5530	8424450055304	DOM.AMP. 20+TV "F" 5...2150MHz G18/20dB	8	47
5531	8424450119396	DOM.AMP. 60 "F" 47...862MHz G16dB Vo103dBuV	8	17
5531	8424450119396	DOM.AMP. 60 "F" 47...862MHz G16dB Vo103dBuV	8	47
553301	8424450122112	DOM.AMP. 10 "F" 5...30/47...862MHz G-2/24dB	8	17
553501	8424450122136	DOM.AMP. 10 "F" 5...30/47...862MHz G-2/34dB	8	17
553701	8424450152034	T.OX TWIN QPSK/PAL CI STEREO	1	22
553702	8424450160404	T.OX TWIN QPSK-PAL CI STEREO PRO CAM	1	22
5559	8424450141564	T.OX HEADEND MANAGEMENT UNIT CDC IP	1	23
555911	8424450197899	T.OX HEADEND MANAGEMENT UNIT CDC IP/3G	1	23
5575	8424450139288	T.OX AMPLIF. 47...862MHz G44dB Vs120dBuV	1	22
5605	8424450140956	DOM.AMP. 20 47...862MHz G20dB AUTO+DC	01/10/20	7
5605	8424450140956	DOM.AMP. 20 47...862MHz G20dB AUTO+DC	01/10/20	17
560541	8424450166581	DOM.AMP.10 47...790MHz G14/20dB AUT.ADJ+DC	01/10/20	17
560542	8424450166598	DOM.AMP.20 47...790MHz G10/16dB AUT.ADJ+DC	01/10/20	17
560543	8424450166604	DOM.AMP.20+TV 47...790MHz G10/16 AUT.ADJ+DC	01/10/20	17
560601	8424450145104	DOM.AMP.20 47...2150MHz G15/23dB AGC + DC	01/10/20	17
5610	8424450119068	TAP 5...2400MHz "EasyF" 8W 16dB TA	6	33
5611	8424450119075	TAP 5...2400MHz "EasyF" 8W 22dB A	6	33
561401	8424450188378	MAST AMP. 12.24V 3I/1O UHF-UHF-SATmix	01/10/20	16
561421	8424450201718	MAST AMP. 12.24V 3I/1O UHF-UHF-SATmix	01/10/20	16
561501	8424450160985	MAST AMP.12.24V 3I/1O B3/U-FMmx-SATmx USOS	01/10/20	16
561521	8424450202449	MAST AMP.12.24V 3/1 B3/U-FMmx-SATmx USOS	01/10/20	16
561601	8424450160992	MAST AMP. 12.24V 3I/1O U-Vmix-SATmix USOS	01/10/20	16
561620	8424450187388	MAST AMP.12.24V U-Vmix-SATmix USOS AUTOLTE	01/10/20	16
561621	8424450203224	MAST AMP. 12.24V 3I/1O U-Vmix-SATmix USOS	01/10/20	16
561701	8424450161005	MAST AMP.12.24V 3I/1O UHF-UHF-VHFmix	01/10/20	16
561721	8424450201725	MAST AMP.12.24V 3I/1O UHF-UHF-VHFmix	01/10/20	16
561801	8424450161012	MAST AMP. 12.24V 3I/1O BIII-U-FMmix USOS	01/10/20	16
561821	8424450201732	MAST AMP. 12.24V 3I/1O BIII-U-FMmix USOS	01/10/20	16
562201	8424450175132	MINIKOM AMP.5/1 "EasyF" FM-V-U-21...36-38..60	1	18
562301	8424450161036	MINIKOM AMP.5/1 "EasyF" FM-V-U-21...36-38..60	1	18
562302	8424450165904	MINIKOM AMP.5/1 "EasyF" FM-V-U-21...32-36..60	1	18
562401	8424450161067	MINIKOM AMP.MATV 4I/1O "EasyF" FM-V-U-U	1	18
562501	8424450161296	MINIKOM AMP.MATV 3I/1O "EasyF" FM-V-U-U	1	18
562601	8424450161302	MINIKOM AMP.5/1 "EasyF" FM-V-U-SAT	1	18
562802	8424450185452	PSU 24V-1.6A (T.OX STANDALONE MOUNT.)	1	22
5629	8424450139295	T.OX SM PSU 120W 24V-5A	1	22
5629	8424450139295	T.OX SM PSU 120W 24V-5A	1	25
5629	8424450139295	T.OX SM PSU 120W 24V-5A	1	52
562910	8424450185223	T.OX SM PSU 60W 24V-2.5A	1	22
562910	8424450185223	T.OX SM PSU 60W 24V-2.5A	1	25
563001	8424450155028	T.OX TWIN DVBS/S2-QAM	1	22
563101	8424450145630	T.OX DVBS/S2-COFDM	1	22
563301	8424450145203	T.OX DVBS/S2-COFDM CI	1	22
563501	8424450148792	T.OX DVBS/S2-QAM CI	1	22
563822	8424450174883	T.OX ENCODER SD QUAD COFDM/QAM	1	22
563832	8424450175729	T.OX ENCODER HD TWIN COFDM/QAM	1	22
563833	8424450177358	T.OX ENCODER HD TWIN ISDBTb/DVB-T	1	22
563852	8424450180204	T.OX ENCODER IP HD TWIN COFDM/QAM	1	22
563901	8424450149751	T.OX SM PSU 120W 24V-5A 110Vac UL	1	22
563901	8424450149751	T.OX SM PSU 120W 24V-5A 110Vac UL	1	25
563901	8424450149751	T.OX SM PSU 120W 24V-5A 110Vac UL	1	52
564101	8424450160497	T.OX DVBS/S2-QAM CI MUX 3TP(2SAT) : 1CH	1	22
564201	8424450160503	T.OX DVBS/S2-COFDM CI MUX 3TP(2SAT):1CH	1	22
564301	8424450172520	T.OX TWIN DVBS2-COFDM CI MUX 3TP(2SAT):2Ch	1	22
564401	8424450170304	T.OX TWIN DVBS2-QAM CI MUX 3TP(2SAT):2Ch	1	22
564501	8424450184301	T.OX HEXA DVBS/S2-QAM	1	22
564901	8424450149607	T.OX TWIN PROCESSOR A/D CHANNEL	1	22
565002	8424450181560	19" RACK COMBINER 7I/1O 5...1002MHz 1RU	2	22
565101	8424450170663	T.OX DVBT/T2-COFDM CI TWIN MUX 2Ch:2Ch	1	22
565201	8424450170670	T.OX DVBT/T2-QAM CI TWIN MUX 2Ch:2Ch	1	22
565701	8424450209066	T.OX DVBT/T2-IP CI MUX 4C : 32IP STR.	1	22

Ref.	EAN 13	Label Product Description	+	P.
565740	8424450209752	T.OX DVBT/T2-IP CI MUX 4C : 32IP STR. PRODIOM	1	22
565801	8424450209073	T.OX DVBS/S2-IP CI MUX 3TP(2SAT) : 32IP STR.	1	22
565840	8424450209769	T.OX DVBS2-IP CI MUX 3TP(2SAT) STR. PRODIOM	1	22
566001	8424450180723	T.OX ENCODER HD SINGLE COFDM/QAM + PSU 18V	1	22
567201	8424450153475	WALL MOUNT 275mm 5RU	1	23
567250	8424450182932	CAM PROTECTION BAR (FOR REF.567201)	1	23
5673	8424450148853	T.OX BLANK PLATE 50mm-5RU	1	23
5673	8424450148853	T.OX BLANK PLATE 50mm-5RU	1	25
567401	8424450177297	T.OX STANDALONE SUPPORT	1	23
567802	8424450165911	KIT: MAST AMP.3I/1O + PSU 12V (561601+5796)	1	16
568002	8424450165935	KIT: MAST AMP. 3I/1O + PSU 24V (561701+5795)	1	16
5750	8424450144800	CABINET HEADEND AMPLIFIER 440x440x140mm	1	20
5795	8424450140925	PICOKOM PSU 20 "EasyF" 5...862MHz 24V-130mA	01/10/20	7
5795	8424450140925	PICOKOM PSU 20 "EasyF" 5...862MHz 24V-130mA	01/10/20	16
5796	8424450140949	PICOKOM PSU 10 "EasyF" 5...2400MHz 12V-220mA	01/10/20	7
5796	8424450140949	PICOKOM PSU 10 "EasyF" 5...2400MHz 12V-220mA	01/10/20	16
5806	8424450139301	T.OX TWIN MODULATOR A/V-PAL STEREO	1	22
580610	8424450190050	T.OX TWIN MODULATOR A/V-PAL MONO	1	22
585401	8424450190364	DIMOD ENC./MOD. DVB-T/DVB-C 11 HDMI+USB	1	42
585401	8424450190364	DIMOD ENC./MOD. DVB-T/DVB-C 11 HDMI+USB	1	47
5858	8424450139806	DOMESTIC MODULATOR W/DISPLAY VHF/UHF	1	42
5858	8424450139806	DOMESTIC MODULATOR W/DISPLAY VHF/UHF	1	47
585901	8424450185032	ANALOGUE MODULATOR QUAD VHF/UHF	1	23
586401	8424450138120	T05 PROCESSOR SAT-SAT TRIPLE (3 SAT TP)	1	24
5865	8424450058657	T05 AMP. SAT 950...2150MHz G40dB Vo123dBuV	1	24
5893	4031136070526	INDOOR CABINET W/MOUNT.PLATE 300x400x200mm	1	31
589301	8424450185698	INDOOR CABINET W/MOUNT.PLATE 400x400x200mm	1	31
589302	8424450185704	INDOOR CABINET W/MOUNT.PLATE 400x600x200mm	1	31
589303	8424450185711	INDOOR CABINET W/MOUNT.PLATE 600x600x200mm	1	31
589304	8424450185728	INDOOR CABINET W/MOUNT.PLATE 600x800x200mm	1	31
5894	4031136070533	MOUNTING PLATE 300x400mm, 19mm	1	31
589401	8424450185742	MOUNTING PLATE 400x400mm, 19mm	1	31
589402	8424450185759	MOUNTING PLATE 400x600mm, 19mm	1	31
5909	8424450059098	SPECTRUM ANALYZER CALIBRATION	1	43
5909	8424450059098	SPECTRUM ANALYZER CALIBRATION	1	44
593001	8424450171080	SAT SIMULAT.& NOISE GENERATOR 5...3000MHz	1	45
593102	8424450166925	H30: DVB-C + REMOTE CTR + IP TEST	1	43
593104	8424450175262	H30D3: DVB-C + REMOTE CTR + IP TEST + D3.0	1	43
593201	8424450169995	H30 SERIES PROTECTIVE SLEEVE	1	43
593203	8424450173671	PSU 12V - 2A (ALL PLUGS - UL)	1	43
593204	-	H30 SERIES WEATHERPROOF SLEEVE	1	43
593210	8424450170038	H30 OPTION MPEG SERVICE INFO	1	43
593231	8424450186183	H30FLEX/EVOLUTION OPTION DVBT	1	43
593232	8424450186190	H30FLEX/EVOLUTION OPTION DVBT-T2	1	43
593233	8424450186206	H30FLEX/EVOLUTION OPTION DVBT-C	1	43
593234	8424450186213	H30FLEX/EVOLUTION OPTION dCCS	1	43
593235	8424450186824	H30FLEX/EVOL. OPTION EXT.TERRES.IN.120dBuV	1	43
593236	8424450198421	H30FLEX/EVOL. OPTION ANALOG A/V DISPLAY	1	43
593239	8424450191583	H30 SERIES CARRYING CASE	1	43
593250	8424450207666	H30EVOLUTION OPTION WIFI ANALYZER	1	43
593251	8424450207673	H30EVOLUTION OPTION IPTV ANALYZER	1	43
593252	-	H30EVOLUTION OPTION HEVC DISPLAY	1	43
593301	8424450185346	H30FLEX: DVB-S/S2 + DVB-T	1	43
593302	8424450185315	H30FLEX: DVB-S/S2 + DVB-T/T2	1	43
593303	8424450185322	H30FLEX: DVB-S/S2 + DVB-C	1	43
593304	8424450185339	H30FLEX: DVB-S/S2 + DVB-T/T2 + DVB-C	1	43
593311	8424450192467	H30FLEX: DVB-S/S2/T (CASE + COAX. LEAD)	1	43
593312	8424450192474	H30FLEX: DVB-S/S2/T/T2 (CASE + COAX. LEAD)	1	43
593313	8424450192481	H30FLEX: DVB-S/S2/C (CASE + COAX. LEAD)	1	43
593314	8424450192498	H30FLEX: DVB-S/S2/T/T2/C (CASE+COAX. LEAD)	1	43
593501	8424450207611	H30EVOLUTION: DVB-S/S2 + DVB-T	1	43
593502	8424450207628	H30EVOLUTION: DVB-S/S2 + DVB-T/T2	1	43
593503	8424450207635	H30EVOLUTION: DVB-S/S2 + DVB-C	1	43
593504	8424450207642	H30EVOLUTION: DVB-S/S2 + DVB-T/T2 + DVB-C	1	43
593505	8424450207659	H30EVOLUTION: FULL DVB + IPTV + WiFi + HEVC	1	43
596101	8424450191538	MOSAIQ6: DVB-T/T2/S/S2/C + CI + FO (BAG)	1	44
596102	8424450208809	MOSAIQ6: DVB-T/T2/S/S2/C +CI+ FO (CASE)	1	44
596111	8424450191545	MOSAIQ6: DVB-T/T2/S/S2/C + CI + SEL. FO (BAG)	1	44
596112	8424450208816	MOSAIQ6: -T/T2/S/S2/C+CI+SEL.FO (CASE)	1	44
596201	8424450193198	MOSAIQ6 OPTION GPS DRIVE TEST	1	44
596202	8424450193204	MOSAIQ6 OPTION WIFI 5GHz	1	44
596203	8424450193211	MOSAIQ6 OPTION ANALOGUE MEASURES	1	44

CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
596204	8424450193228	MOSAIQ6 OPTION DAB/DAB+	1	44
596205	8424450193235	MOSAIQ6 OPTION 4K UHD	1	44
596210	8424450196526	MOSAIQ6 FIELD REPLACEABLE BATTERY	1	44
596211	8424450202708	MOSAIQ6 CARRYING BAG	1	44
596212	8424450202715	ADAPTER "N" MALE - "F" FEMALE	1	44
596213	8424450206454	MOSAIQ6 SCREEN PROTECTOR	1	44
596214	8424450208182	MOSAIQ6 CARRYING CASE	1	44
640301	8424450180976	WALL MOUNT GATEWAY	1	42
640301	8424450180976	WALL MOUNT GATEWAY	1	51
650101	8424450173336	4GNOVA ANT.4G (0.7...0.96/1.7...2.7GHz) G7dBi "N"	1	8
650102	8424450179291	4GNOVA ANT.4G (0.7...0.96/1.7...2.7GHz) G7dBi "SMA"	1	8
650302	8424450208670	KIT MIMO: 2x4G ANTENNA 0.7...0.96/1.7...2.7GHz G1/4dBi	1	8
714121	8424450188675	NEVOSWITCH dCSS 5x5x2 MULTICHOICE	1	30
714122	8424450188682	NEVOSWITCH dCSS 5x5x4 MULTICHOICE	1	30
714241	8424450190142	NEVOSWITCH 9x9x8 "F" TERM./CASC. QUAD	1	30
714242	8424450190159	NEVOSWITCH 9x9x12 "F" TERM./CASC. QUAD	1	30
714243	8424450190166	NEVOSWITCH 9x9x24 "F" TERM./CASC. QUAD	1	30
714244	8424450190173	NEVOSWITCH 9x9x24 "F" TERM./CASC. QUAD	1	30
714245	8424450190180	NEVOSWITCH 9x9x32 "F" TERM./CASC. QUAD	1	30
714303	8424450177136	NEVOSWITCH 5x5x8 "F" TERM./CASC. PASSIVE-TER	1	30
714304	8424450177112	NEVOSWITCH 5x5x12 F TERM./CASC. PASSIVE-TER	1	30
714305	8424450177129	NEVOSWITCH 5x5x16 F TERM./CASC. PASSIVE-TER	1	30
714402	8424450172858	NEVOSWITCH 5x5x8 "F" TERM./CASC.+PSU QUAD	1	30
714403	8424450172865	NEVOSWITCH 5x5x8 "F" TERM./CASC.+PSU QUAD	1	30
714404	8424450172872	NEVOSWITCH 5x5x12 "F" TERM./CASC.+PSU QUAD	1	30
714405	8424450172889	NEVOSWITCH 5x5x16 "F" TERM./CASC.+PSU QUAD	1	30
714501	8424450172711	NEVOSWITCH 5x5x4 "F" TERMINAL/CASCADE	1	30
714502	8424450172797	NEVOSWITCH 5x5x6 "F" TERMINAL/CASCADE	1	30
714503	8424450172803	NEVOSWITCH 5x5x8 "F" TERMINAL/CASCADE	1	30
714504	8424450172810	NEVOSWITCH 5x5x12 "F" TERMINAL/CASCADE	1	30
714505	8424450172827	NEVOSWITCH 5x5x16 "F" TERMINAL/CASCADE	1	30
714506	8424450172834	NEVOSWITCH 5x5x24 "F" TERMINAL/CASCADE	1	30
714507	8424450172841	NEVOSWITCH 5x5x32 "F" TERMINAL/CASCADE	1	30
714508	8424450181614	NEVOSWITCH AMPLIF.5x5 "F" G12/15dB Vo110	1	30
714509	8424450173398	NEVOSWITCH AMPLIF.5x5 "F" G27/25dB Vo110	1	30
714601	8424450173077	NEVOSWITCH 9x9x8 "F" TERMINAL/CASCADE	1	30
714602	8424450173084	NEVOSWITCH 9x9x12 "F" TERMINAL/CASCADE	1	30
714603	8424450173091	NEVOSWITCH 9x9x16 "F" TERMINAL/CASCADE	1	30
714604	8424450173107	NEVOSWITCH 9x9x24 "F" TERMINAL/CASCADE	1	30
714605	8424450173114	NEVOSWITCH 9x9x32 "F" TERMINAL/CASCADE	1	30
714609	8424450173503	NEVOSWITCH AMPLIF.9x9 "F" G-/27/25dB Vo110	1	30
714701	8424450173176	NEVOSWITCH 13x13x8 "F" TERMINAL/CASCADE	1	31
714702	8424450173183	NEVOSWITCH 13x13x12 "F" TERMINAL/CASCADE	1	31
714703	8424450173206	NEVOSWITCH 13x13x16 "F" TERMINAL/CASCADE	1	31
714704	8424450173213	NEVOSWITCH 13x13x24 "F" TERMINAL/CASCADE	1	31
714705	8424450173220	NEVOSWITCH 13x13x32 "F" TERMINAL/CASCADE	1	31
714709	8424450173510	NEVOSWITCH AMPLIF.13x13 "F" G-/27/25dB Vo110	1	31
714801	8424450173237	NEVOSWITCH 17x17x8 "F" TERMINAL/CASCADE	1	31
714802	8424450173244	NEVOSWITCH 17x17x12 "F" TERMINAL/CASCADE	1	31
714803	8424450173251	NEVOSWITCH 17x17x16 "F" TERMINAL/CASCADE	1	31
714804	8424450173268	NEVOSWITCH 17x17x24 "F" TERMINAL/CASCADE	1	31
714805	8424450173275	NEVOSWITCH 17x17x32 "F" TERMINAL/CASCADE	1	31
714809	8424450173527	NEVOSWITCH AMPLIF.17x17 "F" G-/27/25dB Vo110	1	31
714901	8424450173404	NEVOSWITCH TAP 5x5x5 "F" 12dB	1	30
714902	8424450173411	NEVOSWITCH TAP 5x5x5 "F" 15dB	1	30
714903	8424450173428	NEVOSWITCH TAP 5x5x5 "F" 20dB	1	30
714904	8424450173435	NEVOSWITCH TAP 5x5x5 "F" 25dB	1	30
714905	8424450173442	NEVOSWITCH SPLITTER 5x5x5 4/4dB	1	30
714906	8424450184998	NEVOSWITCH TAP 5x5x5 "F" 8dB	1	30
716701	8424450201336	DIGIDOM HD TX + RX HDMI 5GHz	01/10/20	42
716701	8424450201336	DIGIDOM HD TX + RX HDMI 5GHz	01/10/20	46
717402	8424450190692	SAT. DIGITAL STB FTA DVB-S/S2	01/10/20	42
717402	8424450190692	SAT. DIGITAL STB FTA DVB-S/S2	01/10/20	46
717501	8424450148846	SAT. DIGITAL STB FTA "ZAS HD SAT"	01/10/20	42
717501	8424450148846	SAT. DIGITAL STB FTA "ZAS HD SAT"	01/10/20	46
717802	8424450182239	HD DVB-T2 STB	01/10/20	42
718201	8424450192252	CHASSIS IP TO DVB-T/DVB-C 6 SLOTS. 19"	1	23
718210	8424450192269	IP TO COFDM MODULATOR 8MUX/8Ch	1	23
718220	8424450192276	IP TO QAM MODULATOR 16MUX/16Ch	1	23
719001	8424450154205	MSW 5x5x4 "EasyF" TERM./CASC ADJUST.ATTEN	1	31
719101	8424450154199	MSW AMP.5x5 "EasyF" G14/28 Vo111/110 AGC	1	31
719201	8424450152584	"Y" BRA.GAL. WALL/GROU. 551x439/Ø60x1.5mm	5	11

Ref.	EAN 13	Label Product Description		P.
719202	8424450154311	"Y" BRA.GAL. WALL/GROU. 728x473/Ø45x1.5mm	1	11
721903	8424450201428	DIGIDOM UNIV. SINGLE TX IR 8 CHANNELS	1/50	42
721903	8424450201428	DIGIDOM UNIV. SINGLE TX IR 8 CHANNELS	1/50	46
7234	8424450072349	UNIVERSAL PROGRAMMER	1	20
7234	8424450072349	UNIVERSAL PROGRAMMER	1	23
7234	8424450072349	UNIVERSAL PROGRAMMER	1	24
723703	8424450201411	DIGIDOM UNIV. IR TX +RX 8 CHANNELS	1/30	42
723703	8424450201411	DIGIDOM UNIV. IR TX +RX 8 CHANNELS	1/30	46
7268	8424450072684	DISEQC 2.0 SWITCH 2I/1O 0...2400MHz	01/10/20	11
732001	8424450188811	dCSS NEVOSWITCH PSU 18V-2A	1	31
732101	8424450173909	NEVOSWITCH PSU 12V-0.8A	1	31
732210	8424450175163	PSU 12V-1.5A UK	1	29
732210	8424450175163	PSU 12V-1.5A UK	1	31
732802	8424450182956	NEVOSWITCH PSU 12.5V-2.8A	1	29
732802	8424450182956	NEVOSWITCH PSU 12.5V-2.8A	1	31
7349	8424450073490	"L" BRACKET RCP WALL 380x350 / Ø45x1.5mm	5	11
7371	8424450073711	"L" BRACKET RCP WALL 500x450 / Ø45x2mm	5	11
7393	8424450073933	"L" BRACKET RCP WALL 284x194 / Ø35x1.5mm	10	11
7402	8424450074022	SPLITTER 950...2150MHz "F" 8W 1...4dB ACTIVE	1	32
7406	8424450074060	SPLITTER 5...2400MHz "F" 8W 12/15dB	01/10/20	32
740710	8424450178003	COMB. MATV+2SAT (47..790/950..2400MHz) + DC	01/10/20	15
7409	8424450074091	EMBEDDED BASE RCP FOR REF.7576(02)	1	11
7441	8424450074411	SPLITTER 5...2400MHz "F" 6W 11/14dB	01/10/20	32
7450	8424450074503	CURRENT INJECTOR 10...2150MHz 1...24Vdc-1.5A	1/20	11
745210	8424450178027	COMBINER MATV-SAT 47..790-950..2400MHz + DC	01/10/20	15
745220	8424450186268	MINI-COMB. MATV-SAT 47..790-950..2400MHz DC	10	15
7475	8424450074756	SINGLE LNB UNIVERSAL HH/VH/HL/VL G60dB	01/10/20	11
747701	8424450074770	OFFS.LNB QUATTRO HH-VH-HL-VL G60dB	1/30	11
747802	8424450137710	OFFSET LNB TWIN 2OUT: HH/VH/HL/VL G60dB	1/30	11
7485	8424450074855	LINE AMPLIF. 11/10 UHF/SAT G-2.5/20dB + DC	01/10/20	11
7506	8424450075067	SAT KIT 830 DIGITAL	1	46
7525	8424450075258	SAT KIT 830 DIGITAL W/ MONOBLOCK	1	46
757401	8424450180594	OFFSET DISH 1300 AL G42dB WHL.10U	10	10
7576	8424450075760	"T" BRACKET RCP GROUND 750x200/Ø60x2.9mm	1	11
757602	8424450143087	"T" BRA.HDG GROUND 1000x200/Ø48x2.9mm	1	11
7605	8424450113370	TX + RX IR EXTENDER OVER COAXIAL	01/06/20	42
7605	8424450113370	TX + RX IR EXTENDER OVER COAXIAL	01/06/20	46
7606	8424450118269	SINGLE TX IR EXTENDER OVER COAXIAL	01/10/20	42
7606	8424450118269	SINGLE TX IR EXTENDER OVER COAXIAL	01/10/20	46
761001	8424450137734	OFFSET LNB QUAD 4OUT: HH/VH/HL/VL G60dB	1/30	11
7611	8424450076118	OFFSET LNB MONOBLOCK (2 UNIV. LNB) G57dB	1/30	11
7613	8424450076132	OFFSET LNB OCTO 8OUT: HH/VH/HL/VL G60dB	1/30	11
769001	8424450201749	WAVEDATA MyNETWiFi AP ETH.PoE	1	53
769002	8424450201756	WAVEDATA MyNETWiFi AP FO.SFP	1	53
769110	8424450203590	NETWORK MANAGER-ROUTER/FIREWALL 4GbEth	1	51
769111	8424450208014	NETW. MANAGER-ROUTER/FIREW. 6GbEth +2SFP	1	51
769120	8424450204009	ROUTER SERVICES CONFIGURATION	1	51
769130	8424450204016	FIBREDATA: SERVER + MONITORING TOOL	1	52
769131	8424450204023	FIBREDATA: SW MONITORING TOOL	1	52
769140	8424450209325	ETH. SWITCH L2+: 8xGbE (PoE, 150W) + 2xSFP	1	51
769141	8424450209332	ETH. SWITCH L2+: 24xGbE(PoE, 400W) + 4xSFP	1	51
769142	8424450209349	ETH. SWITCH L2+: 8xGbE + 24xSFP + 4xSFP+	1	51
769143	8424450209240	ETH. SWITCH L3: 32xGbE + 8xSFP+	1	51
769201	8424450165843	COAXDATA 1Gbps-HDTV COAX+PLC 2xETH.	1	51
769202	8424450165850	COAXDATA 1Gbps-HDTV COAX+PLC 1ETH+1SFP	1	51
769203	8424450167724	COAXDATA 1Gbps-HDTV COAXIAL ADAPT.1xETH	1	51
769210	8424450167175	COAX/WAVEDATA. SFP 1000BASE-X 2FIB.	1	51
769210	8424450167175	COAX/WAVEDATA. SFP 1000BASE-X 2FIB.	1	53
769212	8424450170359	COAX/WAVED. KIT 2xSFP 1000BASE-X 1310+1490nm	1	53
769220	8424450167205	DIPLEXOR FILTER 2I/1O "F"-2..68..87..2150MHz	01/10/20	51
769301	8424450170373	COAXDATA GATEWAY 1Gbps	1	51
769330	8424450189979	COAXDATA COAXBBOX	1	51
769401	8424450176719	FIBREDATA. OLT52:8xPON+4xGbE+4x10GbE/GbE	1	52
769410	8424450176733	FIBREDATA. SFP GPON B+ 1FIBER (OLT)	1	52
769411	8424450176726	FIBREDATA. SFP GB ETHERNET RJ45 (OLT)	1	52
769412	8424450182901	FIBREDATA. SFP 10GB ETHERNET 2FIBERS (OLT)	1	52
769413	8424450185605	FIBREDATA. SFP GPON C+ 1FIBER (OLT)	1	52
769420	8424450187159	FIBREDATA. MODULAR SWLT3072	1	52
769421	8424450187135	FIBREDATA. 2x10Gb SWLT3072 CARD	1	52
769422	8424450187142	FIBREDATA. 16xPON CARD	1	52
769501	8424450176672	FIBREDATA.OFFICE ONT	1	53
769502	8424450176689	FIBREDATA.HOME ONT	1	53

CORRELATIVE

Ref.	EAN 13	Label Product Description		P.
769507	8424450183809	FIBREDATA. ONU BASIC	1	53
769509	8424450204139	ONT ROOM 4xGbE/PoE(25,5W) +2xFXS+RF (EU)	1	53
769510	8424450208052	WALL/CEILING MOUNT FOR ONT	1	53
769514	8424450204702	ONT HOME AC 4xGbE+2xFXS+1xUSB+WLAN AC+RF	1	53
769601	8424450182741	FIBREDATA. DOUBLE PSU -48Vdc	1	52
769610	8424450182758	FIBREDT.AMP.1550nm 8O 20dBm+WDM+2xPSU -48V	1	52
769611	8424450187197	FIBREDT.AMP.1550nm 32O SC/APC 20dBm +WDM	1	52
769612	8424450191088	FIBREDT.AMP.1550nm 8O 17dBm +WDM+2xPSU -48V	1	52
769801	8424450197738	FO TX 1550nm 5dBm "SC/APC" W/O RET 1RU	1	52
769812	8424450197721	F.O. TX 1550nm 6dBm W/O RET AGC + MOD.EXT. 1RU	1	52
769902	8424450197745	FO TX 1310nm "SC/APC" 6dBm W/O RET 1RU	1	26
769903	8424450197752	FO TX 1310nm "SC/APC" 10dBm W/O RET 1RU	1	26
7902	8424450144442	QSD OFFSET DISH 75 AL. G38.5dBi ORA. 1U	1	10
790204	8424450149706	QSD OFFSET DISH 75 AL. G38.5dBi WHI.1U	1	10
7903	8424450144459	QSD/5754 OFFSET DISH 85 AL.G39.5dBi ORA.1U	1	10
790304	8424450149713	QSD/5754 OFFSET DISH 85 AL.G39.5dBi WHI.1U	1	10
790901	8424450151068	MULTIFEED SUPPORT 4SAT QSD DISHES	01/10/20	11
790902	8424450152423	LNB SUPPORT FOR QSD DISHES	01/10/20	11
793001	8424450184714	ISD OFFSET DISH 630 AL. G36.2dBi ORA.1U	1	10
793002	8424450184721	ISD OFFSET DISH 630 AL. G36.2dBi WHI.1U	1	10
793003	8424450184738	ISD OFFSET DISH 630 AL. G36.2dBi GRA.1U	1	10
793004	8424450184745	ISD OFFSET DISH 630 AL. G36.2dBi RED 1U	1	10
793011	8424450184752	ISD OFFSET DISH 630 AL. G36.2dBi ORA.10U	10	10
793012	8424450184769	ISD OFFSET DISH 630 AL. G36.2dBi WHI.10U	10	10
793013	8424450184776	ISD OFFSET DISH 630 AL. G36.2dBi GRA.10U	10	10
793014	8424450184783	ISD OFFSET DISH 630 AL. G36.2dBi RED 10U	10	10
793101	8424450184790	ISD OFFSET DISH 830 AL. G39dB ORA.1U	1	10
793102	8424450184806	ISD OFFSET DISH 830 AL. G39dB WHI.1U	1	10
793103	8424450184813	ISD OFFSET DISH 830 AL. G39dB GRA.1U	1	10
793104	8424450184820	ISD OFFSET DISH 830 AL. G39dB RED 1U	1	10
793111	8424450184844	ISD OFFSET DISH 830 AL. G39dB ORA.5U	5	10
793112	8424450184851	ISD OFFSET DISH 830 AL. G39dB WHI.5U	5	10
793113	8424450184868	ISD OFFSET DISH 830 AL. G39dB GRA.5U	5	10
793114	8424450184875	ISD OFFSET DISH 830 AL. G39dB RED 5U	5	10
802440	8424450172667	YAGI TERR.ANT. UHF(Ch21-60) 10EL.G8.5dBi ORA.	15	8
802441	8424450170694	YAGI TERR.ANT. UHF(Ch21-60) 10EL.G8.5dBi BLA.	15	8
830103	8424450172421	ARANTIA ALARM MONITOR DEVICE	1	55
830108	8424450203897	ARANTIA NEMESIS V2 STB	1	55
830207	8424450162811	ARANTIA LG/SAMSUNG/CHRONOS/NEM. REM.CTRL	1	55
830208	8424450165539	ARANTIA STB PSU - UK PLUG	1	57
830209	8424450165546	ARANTIA STB PSU - EU PLUG	1	57
830213	8424450168509	ARANTIA STB TVI EXTENSION - SAMSUNG	1	57
830215	8424450175255	ARANTIA STB TVI EXTENSION - LG	1	57
830216	8424450205204	ARANTIA IR UNIV.(TV)/RF (STB N2) REMOTE CTRL	1	55
830218	8424450205228	ARANTIA STB N2 PSU - ALL PLUGS	1	55
830219	8424450205235	ARANTIA STB N2 TVI EXTENSION - SAMSUNG	1	55
830220	8424450205891	ARANTIA STB N2 TVI EXTENSION - LG	1	55
830221	8424450210772	ARANTIA WALL MOUNT NEMESIS V2	1	55
830311	8424450154496	ARANTIA VOD SERVER 20 STREAMS 1TB	1	55
830319	8424450182024	ARANTIA TV STB LICENSE SW*	1	55
83031201	8424450173121	ARANTIA VOD SERVER 95 STREAMS 500GB	1	55
83031203	8424450167861	ARANTIA VOD SERVER 95 STREAMS 1TB	1	55
83031801	8424450204948	ARANTIA HE-21 ITV MDW 50 USERS SW*	1	55
83032003	8424450204955	ARANTIA TV MDW - UP TO 100 USERS	1	55
83032004	8424450204986	ARANTIA TV MDW-M <100 USERS	1	55
83032103	8424450204962	ARANTIA TV MDW - 101 TO 499 USERS	1	55
83032104	8424450204993	ARANTIA TV MDW-M 101...499 USERS	1	55
83032203	8424450204979	ARANTIA TV MDW - 500 TO 750 USERS	1	55
83032204	8424450205013	ARANTIA TV MDW-M 500...750 USERS	1	55
83032303	8424450204078	ARANTIA TV MDW - 751 TO 1000 USERS	1	55
83032304	8424450205006	ARANTIA TV MDW-M - 751 TO 1000 USERS	1	55
83032402	8424450185940	ARANTIA TV BACKUP MDW	1	55
83032503	8424450206386	ARANTIA TV MDW LT - UP TO 1000 USERS	1	55
830501	8424450172919	ARANTIA TV PMS INTERFACE OPERA	1	55
830506	8424450176818	ARANTIA TV ALARM SYSTEM INTEGRATION SW*	1	55
830508	8424450206492	ARANTIA TV PMS INTERFACE CHAR	1	55
830509	8424450206508	ARANTIA TV PMS INTERFACE CHAR - LICENSE	1	55

Ref.	EAN 13	Label Product Description		P.
831010	8424450172933	ARANTIA HE-21 4U CHASSIS	1	54
831011	8424450169759	ARANTIA HE-21 4U CHASSIS 2xPSU	1	54
831012	8424450181393	ARANTIA HE-21 1U CHASSIS	1	54
831110	8424450172940	ARANTIA HE-21 DVB-S/S2 INPUT DUAL	1	54
831111	8424450168615	ARANTIA HE-21 DVB-S/S2 INPUT QUAD	1	54
831114	8424450168646	ARANTIA HE-21 DVB-T/T2 INPUT QUAD	1	54
831115	8424450168653	ARANTIA HE-21 DVB-T/T2 INPUT DUAL	1	54
831118	8424450178089	ARANTIA HE-21 DVB-IP INPUT	1	54
831119	8424450178904	ARANTIA HE-21 CORP. CHANNEL LICENSE SW*	1	54
831121	8424450190487	ARANTIA HE-21 ATSC QUAD INPUT	1	54
831122	8424450187241	ARANTIA HE-21 HDMI INPUT QUAD	1	54
831123	8424450197615	ARANTIA HE-21 DVB-S2/T2/C/ISDB-T CI DUAL IN.	1	54
831202	8424450152904	IPH2011 IPTVHEAD. 4RU CHASSIS W/DUAL POW.	1	54
831203	8424450152911	IPH2011 IPTVHEAD. SWITCH 2 IP OUT RJ45	1	54
831205	8424450152935	IPH2011 IPTVHEAD. 4 ASI INPUT MODULE	1	54
831207	8424450152959	IPH2011 IPTVHEAD. 4 DVB-S/S2 INPUT MODULE	1	54
831209	8424450152973	IPH2011 IPTVHEAD. 4 DVB-T/T2 INPUT MODULE	1	54
831210	8424450152980	IPH2011 IPTVHEAD. 4 DVB-C INPUT MODULE	1	54
831211	8424450152997	IPH2011 IPTVHEAD. DUAL DESCRAMBLER W/CI	1	54
831212	8424450153000	IPH2011 IPTVHEAD. DUAL IP IO MODULE	1	54
831213	8424450153017	IPH2011 IPTVHEAD. 4ASI OUT.MOD.W/MULTIPSW	1	54
831224	-	IPH2011 IPTVHEAD. OUTPUT REDUNDANCY	1	54
831225	8424450206928	IPH2011 IPTVHEAD. 1 SD/HD SDI ENCODER	1	54
831301	8424450172926	ARANTIA 19"RACK 27U(MOUNTED & ADJUSTED)	1	55
831302	8424450155196	ARANTIA 19"RACK 37U(MOUNTED & ADJUSTED)	1	55
831303	8424450162804	ARANTIA 19"RACK 42U(MOUNTED & ADJUSTED)	1	55
831304	8424450173138	ARANTIA 19"RACK 22U(MOUNTED & ADJUSTED)	1	55
831311	8424450191316	ARANTIA RACK RAILS HE-21	1	55
831401	8424450153062	ARANTIA L3 SWITCH 1000TX 24P+4SFP (+400)	1	55
831402	8424450153079	ARANTIA L2 SWITCH 24P100TX+4SFP	1	55
831403	8424450153086	ARANTIA L2 SWITCH 48P100TX+4SFP	1	55
831404	8424450153093	ARANTIA VPN ROUTER	1	55
831406	8424450173169	ARANTIA L2+ SWITCH 1000TX 24P+4SFP (<400)	1	55
831410	8424450192061	ARANTIACAST SERVER+ROUTER PACK	1	56
831411	8424450192009	ARANTIACAST CHROMECAST	1	56
831412	8424450205778	ARANTIACAST YEARLY LICENSE	1	56
831413	8424450208854	MARRIOTT CHROMECAST PROXY SERVER	1	56
831426	8424450210765	ARANTIA L2+ SWITCH 1000TX 24P+4SFP (<80)	1	55
831503	8424450153123	ARANTIA TRANSCIVER 1000SX SFP LC MMF	1	55
831504	8424450156513	ARANTIA CAT6 UTP CABLE 1m	1	55
831505	8424450173800	ARANTIA TRANSCIVER 1000T SFP RJ-45	1	55
831506	8424450184974	ARANTIA TRANSCIVER 1000LX SFP LC SMF	1	55
831701	8424450153147	ARANTIA UPS	1	55
831801	8424450155295	ARANTIA DS TOTEM - VERTICAL DISPLAY	1	57
831802	8424450152249	ARANTIA DS TOTEM - VERT. TOUCH DISPLAY	1	57
831805	8424450167557	ARANTIA DS SERVER UP TO 150 USERS	1	57
831807	8424450172575	ARANTIA DS SERVER UP TO 25 USERS	1	57
831810	8424450179673	ARANTIA DS CHRONOS (SW+HARDWARE)	1	57
831901	8424450172957	1 DAY PROJECT MANAGEMENT	1	57
831902	8424450172964	1 HOUR REMOTE TECHNICAL SUPPORT	1	57
831903	8424450173053	1 DAY ON SITE TECHNICAL SUPPORT	1	57
831904	8424450172971	1 DAY ON SITE TRAINING	1	57
831905	8424450172988	INSTALLATION SERVICES	-	57
831906	8424450172995	1 HOUR SPECIFIC SOFTWARE DEVELOPMENT	1	57
831930	8424450210789	ARANTIA SET UP & ADJUSTMENT GPON RACK	1	55
832201	8424450180662	ARANTIA TRANSCODER/STREAMER LIVE	1	54
832204	8424450208175	ARANTIA TRANSCODER/STREAMER LIVE+	1	54
934650	7321411031593	F CONNECTOR THREADED (CXT50) BOX50	50	36
9349	8424450093498	"F" CONNECTOR THREADED (COAXIAL TR165)	10/100	36
991001	8424450184356	REMOTE CONTROL FOR REF.717802	1	42
9924	8424450141571	3RCA-RJ45 CABLE 1.5m	1	24
993810	8424450175705	NEVOSWITCH EARTH BONDING BAR 4I 9/13/17x	1	31
993811	8424450175712	NEVOSW. EARTH BONDING BAR 5I 5/9/13/17x	1	31
83050701	8424450205020	ARANTIA TV LG TV LICENSE SW*	1	55
83050702	8424450205037	ARANTIA TV SAMSUNG TV LICENSE SW*	1	55

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