

Televes®

QUICK PRODUCT GUIDE 2021

STREAMING EXPERIENCE

THE GUEST WILL FEEL AT HOME

ARANTIA CAST

SEAMLESSLY BRING YOUR FAVOURITE CONTENTS IN YOUR MOBILE DEVICE TO THE BIG SCREEN



Over 2000 apps available

chromecast.com/apps

ArantiaCast solution powered by Chromecast

Android, iOS and ChromeOS compatible



Televes Corporation®

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Televes®

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★ New
 📦 Pack
TBC To Be Consulted
TFORCE TForce Technology

Integrated protection against LTE:
LTE790 Channel 60 filtering (790MHz)
LTE700 Channel 48 filtering (694MHz)
AUTO LTE Channel 48/60 filtering (automatic switching) 

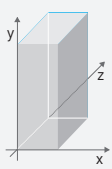
 **Identifying colour in product**

 Orange	 Grey
 White	 Graphite
 Red	 Black
 Red-brick	 Violet

Packaging type for coaxial cable

 Plastic	 Plastified coil
 Cardboard	 Easy Box
 Wooden	

Dimensions: xyz
 (width x height x depth)



CONSIDERATIONS

Televés expresses that this document is just for information purposes and does not accept any responsibility that could be originated from possible errors or omissions regarding its content.

The product pictures included are not contractual and Televés could supply products as shown or these could suffer variations, modifications and/or alterations at any time and without notice.

Our Declarations of Conformity (DoC), Performance (DoP), etc., are available at: www.doc.televés.com

T.OX series:

- In case of modules with CI, it is the responsibility of the concerned person to consult Televés and check compatibility of CAM and card with the module. Simultaneous decryption of services (CAM Pro): If CAM and card allow it.
- The number of modules indicated for supports and enclosures is based solely on the available space; but the number of installable modules may be limited by other restrictions as consumption or temperature.

Compatibility between XL towers (450XL/550XL) and other tower ranges:

Due to their assembly system with security bolts (450XL) or plates (550XL), sections of these towers are not compatible with the rest of the tower range (system with union nuts).

OLC technology:

The OLC (Optical Level Control) technology, included in some optical products, automatically adjusts the parameters to achieve a constant output level, irrespective of the channel.

CENELEC standard for cables:

- EN 50117-2-1: Indoor Cable 5...1000MHz
- EN 50117-2-4: Indoor Cable 5...3000MHz
- EN 50117-2-5: Outdoor Cable 5...3000MHz

Hospitality:

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

TV DISTRIBUTION

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



TV DISTRIBUTION
TERRESTRIAL ANTENNAS

Ref.	Description		
INTELLIGENT (WITH BOSSTECH)			
ELLIPSE SERIES			
Ellipse			
148920	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON (Multiple Packing)	TFFORCE LTE700	8
148922	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Multiple Packing)	TFFORCE LTE700	8
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-220mA, UK plug (Single Packing)	TFFORCE LTE700	1/4
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	TFFORCE LTE700	1/4
Ellipse Mix			
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Single Packing)	TFFORCE LTE700	1/4
148822	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Multiple Packing)	TFFORCE LTE700	6
DAT SERIES			
DAT BOSS			
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	TFFORCE LTE700	1/5
149922	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Multiple packing)	TFFORCE LTE700	6
DAT BOSS LR			
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	TFFORCE LTE700	1
DAT BOSS MIX			
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)	TFFORCE 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)	TFFORCE LTE700	5
DAT BOSS MIX LR			
149821	DAT BOSS MIX LR Terrestrial Antenna BIII/UHF (C5-12/21-48) G 8.5/18dBi BOSS OFF, G 36.5/46dBi BOSS ON (Single packing)	TFFORCE LTE700	1
NOVA SERIES			
DINOVA BOSS			
144021	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON	TFFORCE LTE700	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFFORCE LTE700	1
★ 144223	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON	TFFORCE LTE700	1
★ 144224	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON (Kit with accesories)	TFFORCE LTE700	1
CAMPNOVA BOSS			
★ 144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/10/22dBi BOSS ON (Kit with accessories)	TFFORCE LTE700	1
OMNINOVA BOSS			
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF (Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFFORCE LTE700	1
TV MOTION System			
144740	TRINOVA BOSS Terrestrial Antenna UHF G 25dBi (for Ref. 512501)	LTE790	1
512501	TRIMOTION Digital Terrestrial Set-top Box (for Ref. 144740)		1

ELLIPSE



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.

me.televes.com/tforce



▶ DAT BOSS LR



▶ CAMPNOVA BOSS



▶ DINOVA BOSS




▶ OMNINOVA BOSS



Ask us about our KITS with antenna and PSU.

Ref.	Description		
INTELLIGENT (WITH BOSSTECH)			
INDOOR SERIES			
BEXIA series			
130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	● 1
INNOVA BOSS			
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	● 1
130320	INNOVA BOSS MIX Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 17/20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	● 1
MIRA BOSS			
★ 130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	TFORCE LTE700	● 1
ACCESSORIES			
Power supply units			
5501	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (UK Plug)		1
550101	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA		1
5504	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA		1
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)		8
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...2400MHz 12V-220mA		1/10
Domestic amplifiers			
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preampifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE	8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV w/USOS + Output to a TV Outlet G 11dB + Preampifier Powering 12V-100mA	AUTOLTE	1
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
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47..694/950..2150MHz G 12/23dB Vo 110/106dBµV AGC +Preampifier Powering 12V-150mA		1/10
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.



▲ 130220



▲ 130121

💡 Ask us about our KITS with antenna and PSU.









▲ 5795



▲ 5501

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

	ANTENNA	RECEPTION TYPE	INSTALLATION RECOMMENDED FOR	HIGHLIGHT
TV	INOVA	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. ■ Recetion of LTE 4G signals to extend the telephone coverage.

TV DISTRIBUTION

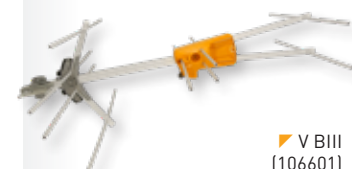
TERRESTRIAL ANTENNAS

Ref.	Description		
PASSIVE			
VHF AND MIXED			
FM antenna			
1201	FM Terrestrial Antenna 88...108MHz Circular G 1dBi	●	1/5
BIII or DAB antenna			
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
V Zenit MIX antenna			
149301	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-58/59/60 Configurable bandwidth) G 8.5/15dBi (Single Packing)	LTE790 ●	1/6
149321	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-48) G 8.5/13dBi (Single packing)	LTE700 ●	1/6
UHF			
Yagi antenna			
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 (Multiple packing)	LTE790 ●	15
111942	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Single Packing)	LTE790 ●	1/10
802440	Yagi Terrestrial Antenna UHF (Ch21-60) 10 Elements G 8.5dBi	LTE790 ●	15
L antenna			
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
V Zenit antenna			
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
Panel Antenna			
108320	Panel Terrestrial Antenna UHF (Ch21-48) 4 Dipoles G 13dBi	LTE700 ●	1

Ref.	Description		
MOBILE DATA (LTE)			
4G			
650101	4GNOVA Antenna 4G/LTE 698...960/1700...2700MHz G 7dBi (0.7m Female "N")	○	1
650102	4GNOVA Antenna 4G/LTE 698...960/1700...2700MHz G 7dBi (7.5m Male "SMA")	○	1
★ 650302	Kit: 2x 4G/LTE MIMO Antenna "SMA" 698...960/1700...2700MHz G 1/3,5dBi	●	1



FM



V BIII (106601)



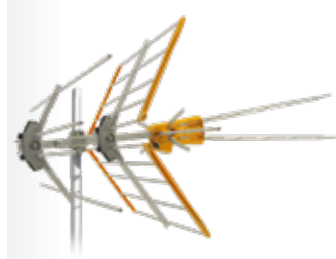
Yagi Edge (111940 & 111942)



L 700 (112120)



V ZENIT



V ZENIT MIX



4GNOVA



650302

Ref.	Description		
ALUMINIUM OFFSET SATELLITE DISHES			
QSD SERIES			
QSD75			
7902	QSD High Quality Offset Dish 75 Aluminium G 38.5dB (750x850mm) Orange	●	1
790204	QSD High Quality Offset Dish 75 Aluminium G 38.5dB (750x850mm) White	○	1
QSD85			
7903	QSD High Quality Offset Dish 85 Aluminium G 39.5dB (850x950mm) Orange	●	1
790304	QSD High Quality Offset Dish 85 Aluminium G 39.5dB (850x950mm) White	○	1
ISD SERIES			
630			
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	●	1
793004	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick	●	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)	●	10
793014	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick (Multiple packing)	●	10
830			
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	●	1
793104	ISD Offset Dish 830 Aluminium G 39dBi Red-brick	●	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)	●	5
793114	ISD Offset Dish 830 Aluminium G 39dBi Red-brick (Multiple packing)	●	5
LONG RANGE			
1300			
757401	Offset Dish 1300 Aluminium G 42dBi White	○	1

Ref.	Description		
STEEL OFFSET SATELLITE DISHES			
LONG RANGE			
1000			
★ 753420	Offset Dish 1000 Steel G 40.5dB Orange (Multiple packing)	●	100
1100			
★ 757220	Offset Dish 1100 Steel G 41.5dB Orange (Multiple packing)	●	100
1300			
7575	Offset Dish 1300 Steel G 42dB White (Multiple packing)	○	20

☰ QSD SERIES



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



▲ 793011



▾ 757401

Compatibility between supports & dishes

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

TV DISTRIBUTION
SATELLITE DISHES

Ref.	Description		
LNB			
COAXIAL (RF)			
Universal			
4332	Offset LNB Twin (2 Outputs Hh/Vh/HL/VI) G 60dB (Blister T2)	●	6
4365	Offset LNB Single (Universal) Hh/Vh/HL/VI G 60dB (Blister T1)	●	8
7475	Offset LNB Single (Universal) Hh/Vh/HL/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/HL/VI) G 60dB	●	1/30
761001	Offset LNB Quad (4 Outputs Hh/Vh/HL/VI) G 60dB	●	1/30
7613	Offset LNB Octo (8 Outputs Hh/Vh/HL/VI) G 60dB	●	1/30
OPTICAL FIBRE			
Offset			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	●	1
Front feed			
2363	P.F. Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm Grey	●	1
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
7268	DiSEqC 2.0 Switch 2i/1o 0...2400MHz		1/10
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
Ref.	Description		
MULTI-SATELLITE MOUNTS			
FOR QSD SERIES			
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



▲ 747701



▲ 747802



▲ 761001



▲ 7613



▲ 7485



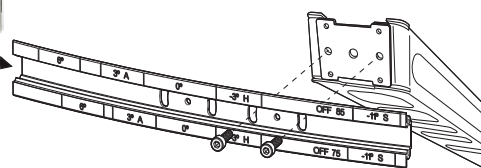
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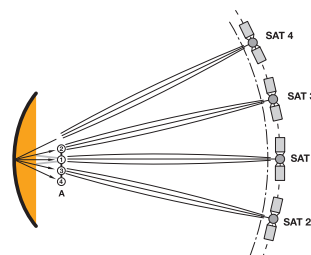
▲ 2363



▲ 790902

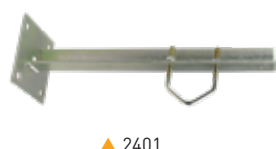


▲ 790901



Ref.	Description		
MASTS			
SINGLE MOUNTING			
Hot-Dip Galvanizing			
301002	Mast HDG 3m x Ø 45mm x Thickness 2mm	●	4
301003	Mast HDG+Red 3m x Ø 45mm x Thickness 2mm	●	1
SCREW MOUNTING			
Zinc+RCP			
2407	Mast Zinc+RCP 1.5m x Ø 35mm x Thickness 1.5mm	●	8
3008	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1.5mm	●	6
3009	Mast Zinc+RCP 2.5m x Ø 40mm x Thickness 2mm	●	4
3010	Mast Zinc+RCP 3m x Ø 45mm x Thickness 2mm	●	4
3042	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1mm	●	6
3072	Mast Zinc+RCP 3m x Ø 40mm x Thickness 2mm	●	4
Zinc+Painting			
3075	Mast Zinc+Red 3m x Ø 45mm x Thickness 2mm	●	4
307502	Mast Zinc+White 3m x Ø 45mm x Thickness 2mm	○	4
SWAGED			
Zinc+RCP			
242001	Mast Zinc+RCP 1m x Ø 35mm x Thickness 1mm	●	6
3040	Swaged Mast Zinc+RCP 1.5m x Ø 40mm x Thickness 1.25mm	●	6
3041	Swaged Mast Zinc+RCP 2m x Ø 40mm x Thickness 1.25mm	●	4
FIXING ACCESSORIES			
2407	Jaw Clamp Zinc+RCP for Masts Up Ø 25...45mm	●	10
2408	Saddle & Clamp Zinc+RCP for Guy Wire, Inner Ø46mm	●	10
2413	Mast Clamp Zinc+RCP Ø35mm	●	6
4361	Guy Wire Mounting Kit Ø 45mm		1/5
4951	Mast Clamp Zinc+RCP Ø 25...45mm (Blister T1)		8
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)		8

Ref.	Description		
BRACKETS FOR MASTS			
CHIMNEY			
Zinc+RCP			
2412	Corner Piece Zinc+RCP for Chimney	●	10
2414	Tubular Mast Bracket Zinc+RCP for Chimney 415x345mm x Ø30mm	●	1
2415	Reinforced Mast Bracket Zinc+RCP for Chimney 396x400mm	●	1
WALL-BRACKET			
Zinc+RCP			
2401	"L" Mast Bracket Zinc+RCP for Bolting 300mm	●	10
2403	"W" Mast Bracket Zinc+RCP for Bolting 250mm	●	10
2404	"U" Mast Bracket Zinc+RCP for Bolting 500mm	●	6
240410	"U" Mast Bracket Zinc+RCP for Bolting 300mm	●	6
2405	"I" Mast Bracket Zinc+RCP for Embedding 350mm	●	6
2406	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 500mm	●	6
2409	Angled Mast Bracket Zinc+RCP for Bolting 128mm	●	10
2410	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 250mm	●	10



Ref.	Description		
SUPPORTS FOR ANTENNAS			
"L" TYPE			
Zinc+RCP			
7349	"L" Bracket Zinc+RCP Wall Mount 380x350mm / Ø 45mm x Thickness 1.5mm	●	5
7371	"L" Bracket Zinc+RCP Wall Mount 500x450mm / Ø 45mm x Thickness 2mm	●	5
7393	"L" Bracket Zinc+RCP Wall Mount 284x194mm / Ø 35mm x Thickness 1.5mm	●	10
FLOOR MOUNT			
Zinc+RCP			
7409	Embedded Base Zinc+RCP for Ref.7576 or 757602, Height 200mm	●	1
7576	"T" Bracket Zinc+RCP Ground Mount 750x200mm / Ø 60mm x Thickness 2.9mm	●	1
Hot-Dip Galvanizing			
757602	"T" Bracket H.D.G. Ground Mount 1000x200mm / Ø48mm x Thickness 2.9mm	●	1
"Y" TYPE FOR WALL AND FLOOR			
Galvanized			
719201	"Y" Bracket Galvanized Wall/Ground Mount 551x439mm or 620x247mm / Ø 60mm x Thickness 1.5mm	●	5
719202	"Y" Bracket Galvanized Wall/Ground Mount 728x473mm or 720x481mm / Ø 45mm x Thickness 1.5mm	●	1
FOR WINDOW			
Zinc+RCP			
2117	Mast Clamp Zinc+RCP for Window 586x300mm x Ø30mm	●	1

Ref.	Description		
COAXIAL CABLE STAPLES			
OPENED			
2000	Opened Staple for Coaxial Cable (100 units)		1/10
4360	Opened Staple for Coaxial Cable (25 units) (Bag B1)		10
CLOSED			
2011	Closed Staple for Coaxial Cable (100 units)		1/20
Ref.	Description		
STEEL CABLES			
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



▲ 7371



▲ 7409



▲ 7576

▲ 757602



▲ 719201



▲ 2000



▲ 2011

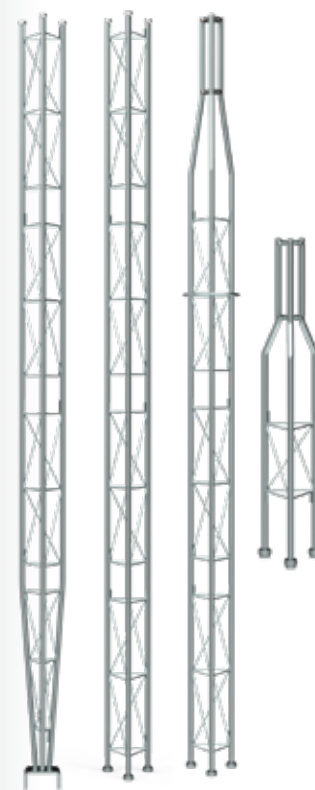


▲ 2117

Ref.	Description		
FOR COMMON USE			
PACK TOWER			
306501	"Pack" Tower Galvanized+Orange 2.2m (Mast and Accessories included)	●	1
180 SE TOWER			
Zinc + RCP			
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
Ref.	Description		
MULTIFUNCTION			
180 TOWER			
Zinc + RCP			
3021	Upper Section 180 Tower Zinc+RCP 1m (mast Ømax 46mm)	●	1
3031	Middle Section 180 Tower Zinc+RCP 3m	●	1
3032	Upper Section 180 Tower Zinc+RCP 3m (mast Ømax 46mm)	●	1
3037	Lower Section Pivoting 180 Tower Zinc+RCP 3m	●	1
Zinc + Painting			
★ 303102	Middle Section 180 Tower Zinc+White 3m	○	1
★ 303202	Upper Section 180 Tower Zinc+White 3m (mast Ømax 46mm)	○	1
Hot-Dip Galvanizing			
303101	Middle Section 180 Tower H.D.G. 3m	●	1
303201	Upper Section 180 Tower HDG 3m (mast Ømax 46mm)	●	1
303701	Lower Section Pivoting 180 Tower HDG 3m	●	1
Hot-Dip Galvanizing + Painting			
★ 303103	Middle Section 180 Tower HDG+White 3m	○	1
★ 303203	Upper Section 180 Tower HDG+White 3m (mast Ømax 46mm)	○	1
Accessories			
3029	Embedded Frame 180 Tower Zinc+RPR for Fixed Base (Ref. 3038xx)	●	1
3034	Galvanized Steel Wire Ø 4mm		100
3038	Fixed Bolting/Embedded (with frame) Base 180 Tower Zinc+RCP	●	1
303801	Fixed Bolting/Embedded (with frame) Base 180 Tower HDG	●	1
303802	Fixed Bolting/Embedded (with frame) Base 180 Tower Zinc+White	○	1
★ 303803	Fixed Bolting/Embedded (with frame) Base 180 Tower HDG+White	○	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
3058	Guy Wire Ring 180/360 Tower Zinc+RCP	●	20
305801	Guy Wire Ring 180/360 Tower HDG	●	20
Q1500 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



Types of finishing



HDG

Hot-Dip Galvanized



Zinc + RCP

Zinc plated + Reactive Coating Process



HDG + Painting

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



Zinc + Painting

Zinc plated + Lacquered in oven with electrostatic powder of polyester



▲ 3029 (frame)



▲ 3048xx



▲ 3038xx



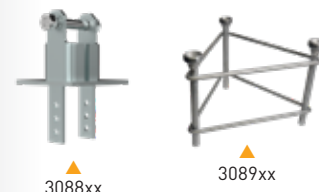
▲ Q1500 Tower (Stainless Steel) (Ref. 3049 + Ref. 304910)

Ref.	Description		
MULTIFUNCTION			
360 TOWER			
Zinc + RCP			
3085	Upper Section 360 Tower Zinc+RCP 3m (mast Ømax 52mm)	●	1
3086	Lower Section Pivoting 360 Tower Zinc+RCP 3m	●	1
3087	Middle Section 360 Tower Zinc+RCP 3m	●	1
Zinc + Painting			
308501	Upper Section 360 Tower Zinc+Red 3m (mast Ømax 52mm)	●	1
308502	Upper Section 360 Tower Zinc+White 3m (mast Ømax 52mm)	○	1
308601	Lower Section Pivoting 360 Tower Zinc+Red 3m	●	1
308602	Lower Section Pivoting 360 Tower Zinc+White 3m	○	1
308701	Middle Section 360 Tower Zinc+Red 3m	●	1
308702	Middle Section 360 Tower Zinc+White 3m	○	1
Hot-Dip Galvanizing			
308503	Upper Section 360 Tower HDG 3m (mast Ømax 52mm)	●	1
308603	Lower Section Pivoting 360 Tower HDG 3m	●	1
308703	Middle Section 360 Tower HDG 3m	●	1
Hot-Dip Galvanizing + Painting			
308504	Upper Section 360 Tower HDG+Red 3m (mast Ømax 52mm)	●	1
308604	Lower Section Pivoting 360 Tower HDG+Red 3m	●	1
308605	Lower Section Pivoting 360 Tower HDG+White 3m	○	1
308704	Middle Section 360 Tower HDG+Red 3m	●	1
308705	Middle Section 360 Tower HDG+White 3m	○	1
Accessories			
3058	Guy Wire Ring 180/360 Tower Zinc+RCP	●	20
305801	Guy Wire Ring 180/360 Tower HDG	●	20
3059	Galvanized Steel Wire Ø 5mm		100
3088	Pivoting Embedded Base 360 Tower Zinc+RCP	●	1
308801	Pivoting Embedded Base 360 Tower HDG	●	1
3089	Fixed Embedded Base 360 Tower Zinc+RCP	●	1
308901	Fixed Embedded Base 360 Tower HDG	●	1

Ref.	Description		
WIND INDUSTRY			
450 TOWER			
Zinc + Painting			
3130	Lower Section Pivoting Reinforced 450 Tower Zinc+Red 3m	●	1
3131	Middle Section 450 Tower Zinc+Red 3m	●	1
313101	Middle Section 450 Tower Zinc+White 3m	○	1
3132	Middle Section Reinforced 450 Tower Zinc+Red 3m	●	1
313201	Middle Section Reinforced 450 Tower Zinc+White 3m	○	1
3133	Upper Section 450 Tower Zinc+Red 3m	●	1
Hot-Dip Galvanizing + Painting			
313001	Lower Section Pivoting Reinforced 450 Tower HDG+Red 3m	●	1
313102	Middle Section 450 Tower HDG+Red 3m	●	1
313103	Middle Section 450 Tower HDG+White 3m	○	1
313202	Middle Section Reinforced 450 Tower HDG+Red 3m	●	1
313203	Middle Section Reinforced 450 Tower HDG+White 3m	○	1
313301	Upper Section 450 Tower HDG+Red 3m (mast Ømax 62mm)	●	1
Accessories			
306001	Galvanized Steel Wire Ø 6mm		200
312901	Surface Plate 450/550 Tower for Pivoting Base (Refs. 3134xx & 3142/01) Zinc+RCP	●	1
3134	Pivoting Embedded/Bolting (with plate) Base 450 Tower Zinc+Red	●	1
313401	Pivoting Embedded/Bolting (with plate) Base 450 Tower H.D.G.+Red	●	1
313501	Fixed Embedded Base 450 Tower Zinc+RCP	●	1
313502	Fixed Embedded Base 450 Tower HDG	●	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1

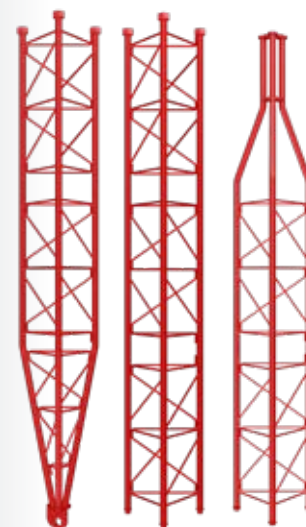


▲ 360 Section

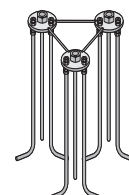


▲ 3088xx

▲ 3089xx



▲ 450 Section



▲ 3135xx



▲ 3134xx



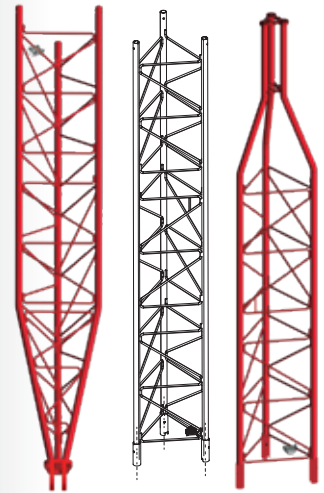
▲ 312901

**TV DISTRIBUTION
TOWERS**

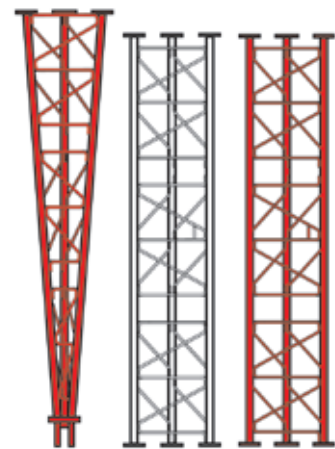
Ref.	Description		
WIND INDUSTRY			
550 TOWER			
Zinc + Painting			
313901	Lower Section Pivoting 550 Tower Zinc+Red 3m	●	1
3140	Middle Section 550 Tower Zinc+Red 3m	●	1
314001	Middle Section 550 Tower Zinc+White 3m	○	1
3141	Transition Section 550 to 450 Tower Zinc+Red 3m	●	1
Hot-Dip Galvanizing + Painting			
313902	Lower Section Pivoting 550 Tower HDG+Red 3m	●	1
314002	Middle Section 550 Tower HDG+Red 3m	●	1
314003	Middle Section 550 Tower HDG+White 3m	○	1
314101	Transition Section 550 to 450 Tower HDG+Red 3m	●	1
Accessories			
306001	Galvanized Steel Wire Ø 6mm		200
312901	Surface Plate 450/550 Tower for Pivoting Base (Refs. 3134xx & 3142/01) Zinc+RCP	●	1
★ 312911	Surface Plate 450XL/550 Tower for Pivoting Base (Refs. 313412 & 3142xx) HDG	●	1
3142	Pivoting Embedded/Bolting (with plate) Base 550 Tower Zinc+Red	●	1
314201	Pivoting Embedded/Bolting (with plate) Base 550 Tower HDG+Red	●	1
3143	Fixed Embedded Base 550 Tower Zinc+RCP	●	1
314301	Fixed Embedded Base 550 Tower HDG	●	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1
450 XL TOWER			
Hot-Dip Galvanizing + Painting			
313011	Lower Section Pivoting Reinforced 450XL Tower HDG+Red 3m	●	1
313112	Middle Section 450XL Tower HDG+Red 3m	●	1
313113	Middle Section 450XL Tower HDG+White 3m	○	1
313212	Middle Section Reinforced 450XL Tower HDG+Red 3m	●	1
313213	Middle Section Reinforced 450XL Tower HDG+White 3m	○	1
313311	Upper Section 450XL Tower HDG+Red 3m (mast Ømax 62mm)	●	1
Accessories			
★ 312911	Surface Plate 450XL/550 Tower for Pivoting Base (Refs. 313412 & 3142xx) HDG	●	1
313412	Pivoting Embedded/Bolting (with plate) Base 450XL Tower HDG+Red	●	1
314502	Buried Plate 450XL Tower with Guy Wire Ring HDG	●	1
550 XL TOWER			
Hot-Dip Galvanizing + Painting			
313810	Top Mast Holder 550XL Reinforced Tower HDG+Red 0.25m (mast Ømax 62mm)	●	1
313911	Lower Section Pivoting 550XL Reinforced Tower HDG+Red 3m	●	1
314010	Middle Section 550XL Reinforced Tower HDG+Red 3m	●	1
314011	Middle Section 550XL Reinforced Tower HDG+White 3m	○	1
Accessories			
★ 312911	Surface Plate 450XL/550 Tower for Pivoting Base (Refs. 313412 & 3142xx) HDG	●	1
314210	Pivoting Embedded Base 550XL Reinforced Tower HDG+Red	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1



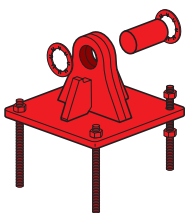
▲ 550 Section



▲ 450XL Sections - Reinforced



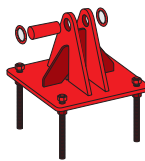
▲ 550XL Sections - Reinforced



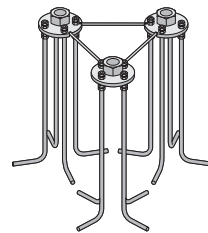
▲ 314210



▲ 313810



▲ 3142xx



▲ 3143xx

Ref.	Description		
LTE FILTERS			
EASYF FORMAT			
405202	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor	LTE700	1/10
405203	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	LTE700	1/10
PLUG-IN FORMAT			
F connector			
403201	Medium Rejection LTE Filter (MR) "F" 47...694MHz VHF/UHF (Ch48), Indoor (DC Pass)	LTE700	1/10
403220	High Rejection LTE Filter (HR) "F" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10
IEC connector			
403210	High Rejection LTE Filter (HR) "IEC" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		1/5
COMBINERS			
MATV (TERRESTRIAL)			
404010	Mast Triplexer 3i/1o "EasyF": BI/FM-BIII/DAB-UHF[dc]	LTE790	1/10
404110	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF	LTE790	1/10
★ 433401	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF (Blister T1)	LTE790	10
SMATV (TERRESTRIAL + SATELLITE)			
4340	Combiner MATV-SAT 2i/1o: 5..862-950..2050MHz[dc] (Blister T1)	LTE790	8
740710	Double Combiner (47...790/950...2400MHz[dc]) 3i/2o "F": SAT1-MATV-SAT2 / SAT1+MATV-SAT2+MATV	LTE790	1/10
745210	Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	1/10
745220	Mini-Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	10
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm		1/10



▲ Mini-mixer (745220)
57 x 47 x 13 mm



▲ 404010



▲ 740710



▲ 745210



▲ 4163

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

Ref.	Description		
MAST AMPLIFIERS			
NANOKOM SERIES			
Terrestrial			
561721	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- [-1,5]dB Vo 108dBµV 12...24V Powering [Switchable DC Pass]	LTE700	1/10
561821	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- [-1,5]dB Vo 106/108dBµV w/USOS 12...24V Powering [Switchable DC Pass]	LTE700	1/10
Terrestrial and satellite			
561421	NanoKom Mast Amplifier 3i/1o "EasyF": UHF-UHF[dc]-SATmix[dc] G 28-28- [-2,5]dB Vo 108dBµV 12...24V Powering [Switchable DC Pass]	LTE700	1/10
561521	NanoKom Mast Amplifier 3i/1o "EasyF": BIII/UHF[dc]-FMmix-SATmix[dc] G 18/28- [-1,5] - [-2,5]dB Vo 106/108dBµV w/USOS 12...24V Powering [Switchable DC Pass]	LTE700	1/10
561620	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 28- [-1,5] - [-2,5]dB Vo 109dBµV w/USOS. 12...24V Powering [Automatic LTE Filter & Switchable DC Pass]	AUTOLTE	1/10
561621	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 24- [-1,5] - [-2,5]dB Vo 104dBµV w/USOS 12...24V Powering [Switchable DC Pass]	LTE700	1/10
TERRESTRIAL			
High gain			
535620	Mast Amplifier 1i/1o "EasyF": FM/BIII/DAB/UHF[dc] G 15/31/31/41dB Vo 116dBµV 24V Pow. [Switchable DC Pass]	LTE700	1/5
535720	Mast Amplifier 3i/1o "EasyF": FM-BIII/DAB-UHF[dc] G 15-32/32-42dB Vo 116dBµV 24V Pow. [Switchable DC Pass]	LTE700	1/5
535820	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-39-39dB Vo 116dBµV 24V Pow. [Switchable DC Pass]	LTE700	1/5
Low gain			
536040	Mast Amplifier 2i/1o "EasyF": BIII/DAB[dc]-UHF[dc] G 26/26/26-26dB Vo 114 dBµV 12V Pow. [Switchable DC Pass]	LTE790	1/5
536041	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] G 26/26-26-26dB Vo 114 dBµV 12V Pow. [Switchable DC Pass]	LTE790	1/5
IF-MIX SERIES			
5354	Mast Amplifier 2i/4o "EasyF": UHF/Vmix[dc]-SATmix[dc] G 20/(-9) - (-12)dB Vo 93dBµV 12...24V Pow.		1/5

Ref.	Description		
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...2400MHz 12V-220mA		1/10
F-CONNECTOR SERIES			
5501	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (UK Plug)		1
550101	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA		1
5504	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA		1
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)		8

Ref.	Description		
KITS: MAST AMPLIFIER WITH POWER SUPPLY			
NANOKOM SERIES			
Terrestrial and satellite			
★ 438620	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561621+5796) [Blister T1]	LTE700	8
★ 438820	NanoKom Mast Amplifier 3i/1o "EasyF" BIII/UHF[dc]-FMmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561521+5796) [Blister T1]	LTE700	8
567810	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] with USOS + PicoKom PSU 1i/2o "EasyF" 12V-200mA (Refs.561621+579401)	LTE700	1

NANOKOM SERIES



LTE 700 READY

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

Ref.	Description		
DOMESTIC AMPLIFIERS			
PICOKOM SERIES			
MATV (terrestrial)			
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
SMATV (terrestrial + satellite)			
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47..694/950..2150MHz G 12/23dB Vo 110/106dBµV AGC +Preamplifier Powering 12V-150mA		1/10
IEC AND F CONNECTOR SERIES			
MATV (terrestrial)			
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...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE	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)	AUTOLTE	8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/790MHz G 20dB Vo 101dBµV w/USOS + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA	AUTOLTE	1
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dBµV (Blister T1)	LTE700	8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dBµV + Output TV Outlet G 12dB (Blister T1)	LTE700	8
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)		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
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
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47...790MHz G 20dB Vo 106dBµV + Output TV Outlet G 12dB (Blister T1)	LTE790	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
5531	Domestic Amplifier 1i/6o "F": 47...862MHz G 16dB Vo 103dBµV (Blister T1)		8
★ 553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dBµV (Blister T1)	LTE700	8
SMATV (terrestrial + satellite)			
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 (return path + terrestrial)			
★ 552001	Domestic Amplifier 1i/(2o+TV) "F": 5..65/88..1006MHz G -7/21dB Vo 111dBµV +Output TV Outlet G14dB (Passive Return)(Blister T1)		8
5525	Domestic Amplifier 1i/(2o+TV) "F" 5..65/87.5..862MHz G -7/18dB Vo 106dBµV + Output TV Outlet G 12dB (Passive Ret.+Equaliser)(Blister T1)		8
★ 553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		8
★ 553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		8
Sky Pass			
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)		1/5

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.



▲ 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

Ref.	Description		
LAUNCH AMPLIFIERS			
MINIKOM EASYF SERIES			
MATV (terrestrial)			
562301	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..35-39..60 G 15-(22 32)-(26 36)-(24 34)-(24 34)dB Vo 113-114-117-117-117dB μ V Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	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 Vo 113-114-117-117-117dB μ V Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	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 Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562501	MiniKom Amplifier MATV 3i/1o "EasyF": FM-VHF-UHF G 15-(22 32)-(30 40)dB Vo 113-114-117dB μ V Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
SMATV (terrestrial + satellite)			
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 Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
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 Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
MINIKOM F SERIES			
MATV (terrestrial)			
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 Preamp./IR Powering (UK Plug)		1
537302	MiniKom Amplifier MATV 1i/1o "F": 47...454/470...862MHz G [20 30]/[27 37]dB Vo 114/116dB μ V		1
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
SMATV (terrestrial + satellite)			
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
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 Preamp./Pow.	LTE700	1
SMATV/CATV (return path + terrestrial + satellite)			
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
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
DTKOM SERIES			
MATV (terrestrial)			
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
5338	DTKom Amplifier MATV 1i/1o "F": 47...862MHz G [40 50]dB Vo 123dB μ V (Remote Powering 12V-50mA)		1
★ 534020	DTKom Amplifier MATV 3i/1o "F": FM-BIII-UHF G [25 25]-(32 42)-(32 42)dB Vo 123dB μ V 12V-50mA Preamp./Powering	LTE700	1
5341	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..69-UHF G [25 25]-(32 42)-(31 41)-(31 41)-(32 42)dB Vo 123dB μ V 12V-50mA Preamp./Powering		1
★ 534120	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..48-UHF G [25 25]-(32 42)-(31 41)-(31 41)-(32 42)dB Vo 123dB μ V 12V-50mA Preamp./Powering	LTE700	1
★ 534121	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..32-36..48-UHF G [25 25]-(32 42)-(31 41)-(31 41)-(32 42)dB Vo 123dB μ V 12V-50mA Preamp./Powering	LTE700	1
SMATV/CATV (return path + terrestrial + satellite)			
533501	DTKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..65/87..862/950...2150MHz G 28/(38 50)/42dB Vo 116/123/123dB 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
CATV (return path + terrestrial)			
451203	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...65/87...1006MHz G 28/(30 40)dB Vo 118/129dB μ V		1
MICROKOM SERIES			
CATV (return path + terrestrial)			
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

MINIKOM EasyF SERIES



▲ Amplifiers
Dimensions: 100 x 100 x 50 mm
High efficiency launch / splitband amplifiers, with selectable gain and LTE rejection.

me.televés.com/minikom



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



▲ Amplifiers: DTKom Series
284 x 140 x 50 mm



▲ Amplifiers: MicroKom Series
190 x 88 x 35 mm

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description		
PROGRAMMABLE AMPLIFIERS			
AVANT X			
Avant X Basic			
★ 532103	Avant X Basic with anti-LTE Filter: Programmable Amplifier with Digital Filtering 5i/1o "F", 2 selectable modes: FM-4x(VHF/UHF) ou FM-DAB-3xUHF G 29-75 or 29-72-75dB Vo 122-122 or 122-119-122dBμV	TFORCE LTE700	1
★ 532113	Avant X Basic-Sat with anti-LTE Filter: Programmable Amplifier with Digital Filtering 6i/2o "F", 2 selectable modes: FM-4x(VHF/UHF)-SAT or FM-DAB-3xUHF-SAT G 25-71-41 or 25-68-71-41dB Vo 118-118-123 or 118-115-118-123dBμV	TFORCE LTE700	1
Avant X Pro			
★ 532123	Avant X Pro with anti-LTE Filter: Programmable Amplifier with Digital Filtering 5i/1o "F", 2 selectable modes: FM-4x(VHF/UHF) ou FM-DAB-3xUHF G 29-75 or 29-72-75dB Vo 122-122 or 122-119-122dBμV Autoprogramming, Monitoring and Report PDF	TFORCE LTE700	1
★ 532133	Avant X Pro-Sat with anti-LTE Filter: Programmable Amplifier with Digital Filtering 6i/2o "F", 2 modes: FM-4x(VHF/UHF)-SAT or FM-DAB-3xUHF-SAT G 25-71-41 or 25-68-71-41dB Vo 118-118-123 or 118-115-118-123dBμV Autoprogramming, Monitoring and PDF Report	TFORCE LTE700	1
ACCESSORIES			
216810	OTG USB C-microUSB B Cable Male-Male 1m Black (Bag B2)		1
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
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
5750	Cabinet for Headend Amplifier 440x440x140mm		1
7234	Universal Programmer T.OX/T05/AVANT		1



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



▲ 216810

AVANT X PROGRAMMABLE HEADEND AMPLIFIER DIGITAL FILTERING AND PROCESSING

A NEW EVOLUTIVE STAGE

DIGITAL PROCESSING TECHNOLOGY IMPLEMENTED ON TERRESTRIAL TV SIGNALS



Internal filtering against LTE signals (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, PC and MAC
USB connection using a OTG cable (included in all the Avant X models)

Ref.	Description		
SINGLE-CHANNEL AMPLIFICATION			
T12 SERIES			
Single-channel amplifiers			
508012	T12 Amplifier SAT 950...2150MHz G 35...50dB Vo 124dB μ V	LTE700	1
508212	T12 Single Channel Amplifier FM 88...108MHz G 35dB Vo 114dB μ V	LTE700	1
508312	T12 Single Channel Amplifier BIII 174...230MHz G 45dB Vo 123dB μ V	LTE700	1
508612	T12 Single/Multi Channel Amplifier UHF DTT 470...862MHz G 50dB Vo 125dB μ V (Up to 5 Channels)	LTE700	1
509812	T12 Single Channel Amplifier High Selectivity UHF 470...862MHz G 50dB Vo 125dB μ V	LTE700	1
509912	T12 Single Channel Amplifier DAB 195...232MHz G45dB Vo114dB μ V	LTE700	1
Power supply unit			
549812	T12 Switch-mode Power Supply Unit 60W 24V-2.5A		1
Supports and cabinets			
5069	Lockable Cabinet 648mm (1 PSU + 14 T12/T05 Modules)		1
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)		1
5072	Lockable Cabinet 498mm (1 PSU + 10 Modules T12/T05)		1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules)		1
Accessories			
4061	Terminal Load "F" 750hm with DC Blocked		10/200
4071	DC Blocker "F"		10
507312	T12/T05 Blank Plate 35mm - 5RU		1
5074	T12 "F" Connector Link Push Fit Type, 48mm		10

Ref.	Description		
COMPLEMENTS			
ATTENUATORS			
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
4315	Adjustable Attenuator "IEC" \varnothing 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)		10
5165	Adjustable Attenuator "IEC" 0 to 20dB 40...860MHz DC Pass		10
FILTERS			
4007	Notch Filter "F" UHF (Ch21-69) 1 Channel & 1 Adjustment		1/10
LINE AMPLIFIERS			
400620	Line Amplifier UHF 1i/1o "F": 470...694MHz G 13dB Vo 98dB μ V (Plug-in)	LTE700	1/10
7485	Line Amplifier 1i/1o "F": UHF/SAT[dc] G -2.5/20dB Vo 112.5dB μ V		1/10
ELECTRICAL PROTECTION			
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



▲ 508612



▲ 549812



▲ 5072



▲ 5069



▲ 400620



▲ 549812



▲ 4007



▲ 7485



▲ 4071



▲ 4315

Ref.	Description	
T.0X SERIES		
TRANSMODULATORS: SATELLITE INPUT (SMATV)		
IP output		
565801	T.0X Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders(2Sat) or 3 Transponders(1Sat+LoopThru) : 32 IP Streams	1
565840	T.0X 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
Digital Terrestrial Output		
563101	T.0X Transmodulator DVBS/S2-COFDM (47...862MHz)	1
563301	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz)	1
564201	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
★ 564230	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat): 1 Ch or 3 Transponders(1Sat+LoopThru): 1 Ch Xcrypt re-encryption	1
564301	T.0X Twin Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
Digital Cable Output		
563001	T.0X Twin Transmodulator DVBS/S2-QAM (47...862MHz)	1
564101	T.0X Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
564401	T.0X Twin Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
564501	T.0X Hexa Transmodulator DVBS/S2-QAM (47...862MHz)	1
TRANSMODULATORS: DIGITAL TERRESTRIAL INPUT (MATV)		
IP output		
565701	T.0X Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams	1
565740	T.0X 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
Digital Terrestrial Output		
565101	T.0X Twin Transmodulator DVBT/T2-COFDM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T)	1
Digital Cable Output		
565201	T.0X Twin Transmodulator DVBT/T2-QAM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T)	1
ENCODERS: AUDIO/VIDEO INPUT		
Digital Terrestrial Output		
563833	T.0X Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: ISDB-Tb/DVB-T (MPEG2/4)	1
Digital Terrestrial or Cable Output		
563822	T.0X Encoder/Modulator Quad, 4i A/V: CVBS - 1Mux: COFDM/QAM (MPEG2/4)	1
563832	T.0X Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: COFDM/QAM (MPEG2/4)	1
566001	T.0X Encoder/Modulator Single 1i: HDMI / Component(YPbPr) / CVBS - 1Mux: COFDM/QAM (MPEG2/4) (Standalone support + PSU 18V included)	1
Digital Terrestrial or Cable Output and IP		
563852	T.0X 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
ENCODERS: AUDIO/VIDEO INPUT AND IP		
Digital Terrestrial or Cable Output		
563852	T.0X 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
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
5806	T.0X Twin Modulator Analogue A/V-PAL Stereo (VSB 47...862MHz)	1
580610	T.0X Twin Modulator Analogue A/V-PAL Mono (VSB 47...862MHz)	1
A/D CHANNEL PROCESSORS		
564901	T.0X Twin Processor Analogue/Digital Channel (47...862MHz)	1

STREAMERS T.0X IP



▲ 565801 ▲ 565701

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.0X Encoders

Generate your own DTT content in High Definition.



▲ 5806

TV DISTRIBUTION PROCESSING HEADENDS

Ref.	Description	
T.OX SERIES		
HEADEND CONTROL		
CDC Modules		
5559	T.OX Headend Management Unit CDC IP	1
555911	T.OX Headend Management Control CDC IP/3G	1
AUXILIARY EQUIPMENT		
Amplifier		
5575	T.OX Amplifier Push-Pull 47...862MHz G 44dB Vo 120dB μ V	1
Power Supply Units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.OX standalone mounting)	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
562910	T.OX Switch-mode Power Supply Unit 60W 24V-2.5A	1
563901	T.OX Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
Combiner		
565002	Combiner 7i/1o: 5...1002MHz, 19" Rack Mount, 1RU	2
Supports and enclosures		
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
507203	Lockable Cabinet with Forced Ventilation 448mm (1 PSU + 7 T.OX Modules)	1
507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.OX Modules)	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules)	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU (1 PSU + 4 T.OX Modules)	1
567250	CAM Protection Bar (for Ref. 567201)	1
567401	Standalone Support (1 T.OX Module)	10
Programmer		
7234	Universal Programmer T.OX/T05/AVANT	1
Accessories		
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
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4071	DC Blocker "F"	10
422601	Patch Cable for Powering T.OX from T05 0.4m	1/5
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20
5673	T.OX Blank Plate 50mm - 5RU	1

Ref.	Description	
OTHER		
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
★ 585910	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1
MODULATORS/ENCODERS: IP INPUT		
Digital Terrestrial or Cable Output		
★ 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



▲ 567401



▲ 216802



▲ 585910



▲ 567250

▲ 567201



▲ 5559



▲ 507204



▲ 507203
(T.OX units not included)



▲ 4071



▲ 5301

Ref.	Description	
T.OX SERIES		
OPTICAL TRANSMITTERS		
Forward path TX		
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
234305	T.OX Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm 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
234811	T.OX Optical Transmitter CATV 1550nm "SC/APC" Po 10dBm w/o Return Path RF Automatic Adjustment and Temperature Stability	1
OPTICAL RECEIVERS		
Forward path RX / Return path TX		
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
Return path RX		
234901	T.OX Return Path Optical Receiver (5...300MHz) 1270...1650nm "SC/APC", with AGC	1
AUXILIARY EQUIPMENT		
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 Tecnology) 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
Power supply units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.OX standalone mounting)	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
562910	T.OX Switch-mode Power Supply Unit 60W 24V-2.5A	1
563901	T.OX Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	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 1200...1600nm "SC/APC" 16W 14dB	1
234601	T.OX Optical Splitter 1200...1600nm "SC/APC" 32W 17dB	1
Multiplexers (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
Mounts and housings		
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
507203	Lockable Cabinet with Forced Ventilation 448mm (1 PSU + 7 T.OX Modules)	1
507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.OX Modules)	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules)	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU (1 PSU + 4 T.OX Modules)	1
Accessories		
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
5673	T.OX Blank Plate 50mm - 5RU	1



▲ 234801/234811



▶ 234221
▲ 234228



▲ 234401 ▲ 234501 ▲ 234601



▲ 234701 ▲ 234702



▶ 5629



▶ 562910

Ref.	Description	
19-INCH RACK FORMAT		
OPTICAL TRANSMITTERS		
Forward path TX		
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
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
AMPLIFIERS		
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
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm 19" Rack Mount, 2RU	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
★ 769620	Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology) 19" Rack Mount, 1RU	1
★ 769622	Optical Amplifier 1i/8o: 1550nm "SC/APC" 10dBm (EDFA Technology) 19" Rack Mount, 1RU	1
★ 769623	Optical Amplifier 1i/8o: 1550nm "SC/APC" 20dBm (YEDFA Technology) 19" Rack Mount, 1RU	1
★ 769630	Optical Amplifier / Multiplexer "SC/APC" 20dBm (EDFA Technology) 2i:1x1310/1490nm - 1x1550nm, 1o:1310/1490/1550nm 19" Rack Mount, 1RU	1
★ 769631	Optical Amplifier / Multiplexer "SC/APC" 14dBm (EDFA Technology) 5i:4x1310/1490nm - 1x1550nm, 4o:1310/1490/1550nm 19" Rack Mount, 1RU	1
★ 769632	Optical Amplifier / Multiplexer "SC/APC" 10dBm (EDFA Technology) 9i:8x1310/1490nm - 1x1550nm, 8o:1310/1490/1550nm 19" Rack Mount, 1RU	1

Ref.	Description	
STAND-ALONE INSTALLATION (FIBERKOM SERIES)		
OPTICAL TRANSMITTERS		
Forward path Tx		
238201	FiberKom Optical Transmitter SMATV 1310nm "SC/APC" Po 3dBm w/o Return Path	1

Ref.	Description	
OPTICAL NODE SOLUTIONS		
NODES		
Without return path (receiver)		
231201	Outdoor Optical Receiver 1200...1600nm "SC/APC" without Return Path with Amplifier 1o: 87...862/950...2150MHz (Local Powering)	1
231220	Outdoor Optical Receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 2o: 40...1006MHz, OLC Technology (Local Powering)	1

MINI-NODES (FIBERKOM SERIES)		
With return path (mini-node)		
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
238004	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 105...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Remote Powering)	1
238005	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 105...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering)	1
Without return path (mini-receiver)		
238079	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Local Powering)	1
238101	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Remote Powering)	1

MICRO-NODES		
Without return path (micro-receiver)		
2311	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 87...862/950...2400MHz with Automatic Adjustment	1
231110	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	1
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	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

Ref.	Description		
OPTICAL LNB SOLUTION			
LNB			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	●	1
2363	P.F. Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm Grey	●	1
KIT: LNB AND OPTICAL CONVERTER			
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
CONVERTERS			
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
OPTICAL SYSTEMS WITH WDM			
Full SAT + DTT			
237301	Optical Transmitter / Multiplexer "SC/APC". 2i: 1310/1490nm(Sat) - RF(Terr.), 1o: 1310/1490/1550nm(Sat/Terr.), 6dBm		1
★ 237320	Optical Receiver / Demultiplexer "SC/APC" (-8...+1dBm) with Satellite Selection Switch. 1i: 1310/1550nm(Sat/Sat+Terr.), 4o: RF(Sat+Terr.) Vo 78dBμV DIN rail installation.		1
Fiber4Sat			
237901	Optical Transmitter / Multiplexer DWDM "SC/APC" 5i: 4x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr), 9dBm		1
237902	Optical Transmitter / Multiplexer CWDM "SC/APC" 5i: 4x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr), Po 6dBm		1
237910	Optical Transmitter / Multiplexer Module DWDM "SC/APC" 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr), 9dBm		1
237920	Optical Transmitter / Multiplexer CWDM Module "SC/APC" 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr), Po 6dBm		1
WDM Multiplexers			
234755	DWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1550,12nm (Ch34) / 1150,92nm (Ch33) / 1551,72nm (Ch32) / 1552,52nm (Ch31)		1
234756	CWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1510/1530/1550/1570nm		1
AUXILIARY EQUIPMENT			
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			
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
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m		1
Accessories			
2354	Fiber Optics Connector for 2 "FC"- "FC" Pre-terminated Patch Cords Interconnection		5
2356	Fibrer Optics Adapter for a "FC"- "SC" Connector Change, of 2 Pre-terminated Patch Cords		5
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



▲ 236810



▶ 237003



▶ 237301



▲ 237320



▲ 235701



▲ 2361XX

Ref.	Description	
OPTICAL DISTRIBUTION		
ATTENUATORS		
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
SPLITTERS (PLC)		
233750	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 2W 4dB	1
233850	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 64W 20dB	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
MULTIPLEXERS (WDM)		
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
OUTLETS/KEYSTONES		
★ 233230	Keystone Module for F.O. Adapter "SC / APC" Female, Plastic Box	25
★ 233231	F.O. Outlet: Keystone Module with Adapter "SC / APC" Female, Plastic Box	20
★ 233240	F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 10m	1
★ 233241	F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 15m	1
ACCESSORIES		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	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
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

Ref.	Description	
F.O. CABLES		
MULTI-FIBRE		
Tight buffer 250µm		
231414	Multi-fiber Cable 16 Single-mode Fibers LSFH Dca	● x m
231614	Multi-fiber Cable 24 Single-mode Fibers LSFH Dca	● x m
231714	Multi-fiber Cable 48 Single-mode Fibers LSFH Dca	● x m
4 FIBRES		
Tight buffer 250µm		
231911	4 Fiber Cable Single-mode Indoor LSFH Fca	● ● 300
2 FIBRES		
Tight buffer 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



▲ 233230



▲ 233231



▲ 236410



▲ 233850



▲ 234740

F.O. CABLES
Fiber's tight buffer Ø 250µm



▲ 48 Fibers (231714)



▲ 24 Fibers (231614)



▲ 16 Fibers (231414)



▲ 4 Fibers - Indoor (231911)

Fiber's tight buffer Ø 900µm



▲ 2 Fibers - Indoor (231901 / 231902)



▲ 2 Fibers - Outdoor (232001 / 232002)

Ref.	Description	
F.O. CABLES		
PRE-TERMINATED PATCH CORDS		
With SC/APC connectors		
232602	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail	25
★ 232611	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 10m	1
★ 232612	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m	1
★ 232614	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m	1
★ 232616	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m	1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
★ 232652	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m	1
★ 232654	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m	1
★ 232656	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m	1
★ 232657	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 55m	1
With FC/PC connectors		
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
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m	1
Adapter cords		
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
★ 232625	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC"-"SC/PC" 0.4m	1
ACCESSORIES		
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black	● 1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black	● 1
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)	1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)	1
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
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



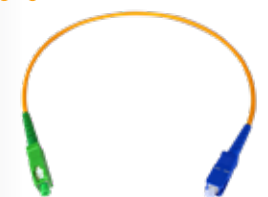
▲ 232611



▲ 232652



▲ 236103



▲ 232625



▲ 2354



▲ 2356



▲ 233203



▲ 233210



▶ 2120xx
(Cable drum not included)

TV DISTRIBUTION
OPTICAL FIBRE

Ref.	Description	
PROFESSIONAL EQUIPMENT		
FUSION KITS		
Electric arc splice		
232105	F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Accessories for fusioning Connectors + Spare set of electrodes + Tweezers + Carrying Case	1
Mechanical splice		
2341	F.O Kit: Connector & Mechanical Splice + Stripper (Ref. 2324) + Cleaver (Ref. 232301) + Cleaning Tools	1
SIGNAL GENERATORS		
2340	OPS3L Triple Light Source (1310, 1490 & 1550nm)	1
ACCESSORIES		
2322	Fiber Mechanical Splicer	1
232301	Cleaver of Fiber Optics	1
232310	Kevlar Scissors for Optical Fibers	1
2324	Precision Stripper for Optical Fibers	1
2325	Stripper for Multi-fiber Cables	1
2327	Splicing Protection Sleeve 60mm for FO fusion	200
232701	Splicing Protection Sleeve 43mm for FO fusion	200
232710	F.O. Cleaning Kit: 50 isopropyl alcohol Wipes + 25 Sticks	1
2328	Fiber Mechanical Splices	10
2329	Connectors of Fiber Optics "SC/APC" (with mounting tool)	10
232910	Cleaner for Fiber Optic Connectors	1



▲ 2341



▲ 2340



▲ 2322



▲ 232105



▲ 232301



▲ 2324



▲ 2329



▲ 232910



▲ 232310

Ref.	Description	
EUROSWITCH SERIES		
9X - 2 SATELLITE		
Multiswitches		
★ 719601	Multiswitch 9x9x8 "F" Terminal/Cascade	1
★ 719603	Multiswitch 9x9x16 "F" Terminal/Cascade	1
★ 719604	Multiswitch 9x9x24 "F" Terminal/Cascade	1
★ 719605	Multiswitch 9x9x32 "F" Terminal/Cascade	1
Accessories		
★ 719609	Amplifier 9x9 "F" Ret.P/MATV/IF G -/27/31dB Vo 114/118dB μ V	1
17X - SATELLITE		
Multiswitches		
★ 719801	Multiswitch 17x17x8 "F" Terminal/Cascade	1
★ 719803	Multiswitch 17x17x16 "F" Terminal/Cascade	1
★ 719804	Multiswitch 17x17x24 "F" Terminal/Cascade	1
★ 719805	Multiswitch 17x17x32 "F" Terminal/Cascade	1
Accessories		
★ 719809	Amplifier 17x17 "F" Ret.P/MATV/IF G -/27/31dB Vo 114/118dB μ V	1

Ref.	Description	
NEVOSWITCH SERIES		
5X - 1 SATELLITE		
Multiswitches		
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
Quad multiswitches		
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
Passive terrestrial multiswitches		
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
Accessories		
714508	Amplifier 5x5 "F" MATV/IF G 10/11dB Vo 118dB μ V	1
714509	Amplifier 5x5 "F" MATV/IF G 27/31dB Vo 114/118dB μ V	1
714901	Tap 5x5x5 "F" 12dB	1
714902	Tap 5x5x5 "F" 15dB	1
714903	Tap 5x5x5 "F" 20dB	1
714905	Splitter 5x5x5 "F" 4/4dB	1
714906	Tap 5x5x5 "F" 8dB	1
9X - 2 SATELLITE		
Multiswitches		
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

EUROSWITCH SERIES

SCALABLE RANGE OF MULTISWITCHES WITH EUROPEAN DESIGN, QUALITY AND MANUFACTURING



Thanks to its great compactness and its optimized electronic design, it presents very low through and tap losses.



▲ 714501



▲ 714404



▲ 714601

Ref.	Description	
NEVOSWITCH SERIES		
9X - 2 SATELLITE		
Quad multiswitches		
714201	Quad Compatible Multiswitch 9x9x8 "F" Terminal/Cascade (12.5V-2.8A PSU included)	1
714202	Quad Compatible Multiswitch 9x9x12 "F" Terminal/Cascade (12.5V-2.8A PSU included)	1
714203	Quad Compatible Multiswitch 9x9x16 "F" Terminal/Cascade (12.5V-2.8A PSU included)	1
714204	Quad Compatible Multiswitch 9x9x24 "F" Terminal/Cascade (12.5V-2.8A PSU included)	1
714205	Quad Compatible Multiswitch 9x9x32 "F" Terminal/Cascade (12.5V-2.8A PSU included)	1
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
Accessories		
714609	Amplifier 9x9 "F" Ret.P/MATV/IF G -/27/31dB Vo 112/119dBµV	1
13X - 3 SATELLITE		
Multiswitches		
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
Accessories		
714709	Amplifier 13x13 "F" Ret.P/MATV/IF G -/27/31dB Vo 112/119dBµV	1
17X - 4 SATELLITE		
Multiswitches		
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
Accessories		
714809	Amplifier 17x17 "F" Ret.P/MATV/IF G -/27/31dB Vo 112/119dBµV	1



▲ 714805



▲ 719001



▲ 732802

Ref.	Description	
DCSS NEVOSWITCH SERIES		
5X - 1 SATELLITE		
Multiswitches		
714121	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial	1
714122	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial	1

Ref.	Description	
EASYSWITCH SERIES		
5X - 1 SATELLITE		
Multiswitches		
719001	Multiswitch 5x5x4 "EasyF" Terminal/Cascade (Adjustable Attenuator)	1
Accessories		
719101	Amplifier 5x5 "EasyF" MATV/SAT G 14/28dB Vo 111/110dBµV w/AGC	1



▲ 3821

Ref.	Description	
POWER SUPPLY UNITS		
12V		
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
18V		
732001	Power Supply Unit 18V-2A (NevoSwitch dCSS/EuroSwitch)	1

Ref.	Description	
ACCESSORIES		
3821	"Quick F" Male - "F" Male Adapter, Plastic Box	50/500
7450	Current Injector 10...2150MHz 1...24Vdc-1.5A	1/20
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



▲ 7450

Ref.	Description		
SPLITTERS			
EASYF SERIES			
Terrestrial + satellite			
432803	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass 0-I (Bag B3)		8
432902	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass All (Blister T1)		8
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.5/4.3dB DC Pass All With Outdoor Mounting Case (Blister T1)	●	10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB DC Pass 0-I With Outdoor Mounting Case (Blister T1)	●	8
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
Accessories			
4087	Terminal Load "EasyF" 750hm with DC Blocked		25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box		100
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	●	1/10
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10
F SERIES			
Terrestrial + Satellite			
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
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
7406	Splitter 5...2400MHz "F" 8W 12/15dB Indoor		1/10
7441	Splitter 5...2400MHz "F" 6W 11/14dB Indoor		1/10
Terrestrial			
453003	Splitter 5...1220MHz "F" 2W 4dB Indoor		1/10
453103	Splitter 5...1220MHz "F" 4W 8dB Indoor		1/10
453203	Splitter 5...1220MHz "F" 3W 6dB Indoor		1/10
453303	Splitter 5...1220MHz "F" 8W 11dB Indoor		1/10
453403	Splitter 5...1220MHz "F" 6W 10dB Indoor		1/10
Satellite			
7402	Splitter 950...2150MHz "F" 8W 1...4dB Indoor Active		1
Accessories			
4058	Terminal Load "F" 750hm without DC Blocked		10/200
405802	Terminal Load "F" 750hm without DC Blocked, Plastic Box		100
4061	Terminal Load "F" 750hm with DC Blocked		10/200
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
545501	Face Plate White 93x74x21mm	○	10
PLUG-IN			
Terrestrial			
4320	Inductive Splitter "IEC" Ø 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)		10
4322	Inductive Splitter "IEC" Ø 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)		10



▲ Mini-Splitter
57x47 x 13 mm

WHITE FACE PLATE FOR MINI SERIES



▲ 545510

BLACK OUTDOOR CASE FOR MINI SERIES



▲ 432902



▲ 5150



▲ 7406



▲ 4061



▲ 4322

Ref.	Description		
TAPS			
EASYF SERIES			
Terrestrial + Satellite			
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			
4087	Terminal Load "EasyF" 750hm with DC Blocked		25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box		100
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	●	1/10
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10



▲ 542503



▲ 544502



▲ 5492



▲ 4087



▲ 4163



▲ 417801

Ref.	Description	
TAPS		
F SERIES		
Terrestrial + Satellite		
5130	Tap 5...2400MHz "F" 2W 12dB Indoor (TA - Floor 1)	1/10
5131	Tap 5...2400MHz "F" 2W 15dB Indoor (A - Floors 2 y 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
5135	Tap 5...2400MHz "F" 6W 19dB Indoor (TA - Floor 1)	1/10
5136	Tap 5...2400MHz "F" 6W 21dB Indoor (A - Floors 2 y 3)	1/10
5137	Tap 5...2400MHz "F" 6W 25dB Indoor (B - Floors 4...6)	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
5146	Tap 5...2400MHz "F" 8W 19dB Indoor (TA - Floor 1)	1/10
5147	Tap 5...2400MHz "F" 8W 20dB Indoor (A - Floors 2 y 3)	1/10
5148	Tap 5...2400MHz "F" 8W 25dB Indoor (B - Floors 4...6)	1/10
Terrestrial		
451803	Tap 5...1220MHz "F" 1W 14dB Indoor	1/10
451903	Tap 5...1220MHz "F" 1W 17dB Indoor	1/10
4560	Tap 5...1000MHz "F" 2W 4dB Indoor	1/10
456103	Tap 5...1220MHz "F" 2W 8dB Indoor	1/10
456203	Tap 5...1220MHz "F" 2W 11dB Indoor	1/10
456303	Tap 5...1220MHz "F" 2W 14dB Indoor	1/10
456603	Tap 5...1220MHz "F" 2W 23dB Indoor	1/10
456703	Tap 5...1220MHz "F" 2W 26dB Indoor	1/10
457103	Tap 5...1220MHz "F" 4W 8dB Indoor	1/10
457203	Tap 5...1220MHz "F" 4W 11dB Indoor	1/10
457303	Tap 5...1220MHz "F" 4W 14dB Indoor	1/10
457403	Tap 5...1220MHz "F" 4W 17dB Indoor	1/10
457503	Tap 5...1220MHz "F" 4W 20dB Indoor	1/10
457603	Tap 5...1220MHz "F" 4W 23dB Indoor	1/10
457703	Tap 5...1220MHz "F" 4W 26dB Indoor	1/10
457803	Tap 5...1220MHz "F" 8W 12dB Indoor	1/10
457903	Tap 5...1220MHz "F" 8W 14dB Indoor	1/10
458003	Tap 5...1220MHz "F" 8W 17dB Indoor	1/10
458103	Tap 5...1220MHz "F" 8W 20dB Indoor	1/10
Accessories		
4058	Terminal Load "F" 750hm without DC Blocked	10/200
405802	Terminal Load "F" 750hm without DC Blocked, Plastic Box	100
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	● 1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	● 1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	● 1/10
545501	Face Plate White 93x74x21mm	○ 10
545510	Face Plate for Mini Series White 62x56x18mm	○ 10



▲ 5132



▲ 5135



▲ 514110



▲ 451803



▲ 456703

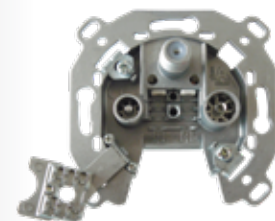


▲ 4061

Ref.	Description	
OUTLETS		
SCREW-FREE MOUNTING		
Terrestrial - 2 connectors		
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
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
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
Terrestrial + satellite - 2 connectors		
4301	End Outlet Diplexed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)	8
4335	Bridged Outlet + Face Plate TV-R + Back Box for Surface Mounting Outlet (Blister T1)	8
5226	End Outlet Diplexed 5...862/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass	10/100
5227	Through Outlet Splitter 5...2150MHz,TV/FM-SAT 13-14dB with DC Pass (Floors 3...5)	10/100
5228	Through Outlet Diplexed 5...2150MHz,TV/FM-SAT 8.5-10dB with DC Pass (Floors 2)	10/100
5229	End Outlet Splitter 5...2150MHz,TV/FM-SAT 4-5dB with DC Pass (Floor 1)	10/100
5236	Through Outlet Splitter 5...2150MHz,TV/FM-SAT 20-24dB with DC Pass (Floors 6...12)	10/100
5270	Through Outlet Bridged (Chassis Only)	10/100
5276	End Outlet Diplexed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass (without Clamps)	10/100
Terrestrial + satellite - 3 connectors		
524501	End Outlet Triplexed 5..2400MHz, TV/FM-SAT1-SAT2 1-1.5-1dB with DC Pass	10/100
524603	End Outlet 5..2400MHz, TV-FM-SAT 4-4-1.5dB with DC pass	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
5250	End Outlet Triplexed 5...2150MHz, TV-FM-SAT/DATA 5-3.8-6.5/4.5dB with DC Pass	10/100
Face Plates		
4336	White Back Box for Surface Mounting Outlet (Blister T1)	○ 10
527402	Face Plate White for TV/R-SAT-DATA Outlet	○ 12
5275	Face Plate White for TV-R-SAT-DATA Outlet	○ 10
5440	Face Plate White for TV/R-SAT Outlet	○ 10
544002	Face Plate White for TV/R-SAT Outlet	○ 10
5441	Face Plate White for TV-R Outlet	○ 10
5442	Back Box White for Surface Mounting Outlet	○ 10
544301	Face Plate White for TV-R-SAT Outlet	○ 10
544302	Face Plate White for TV-R-SAT Outlet	○ 10
ACCESSORIES		
Terminal loads		
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4087	Terminal Load "EasyF" 750hm with DC Blocked	25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box	100



▲ 5226



▲ 524603

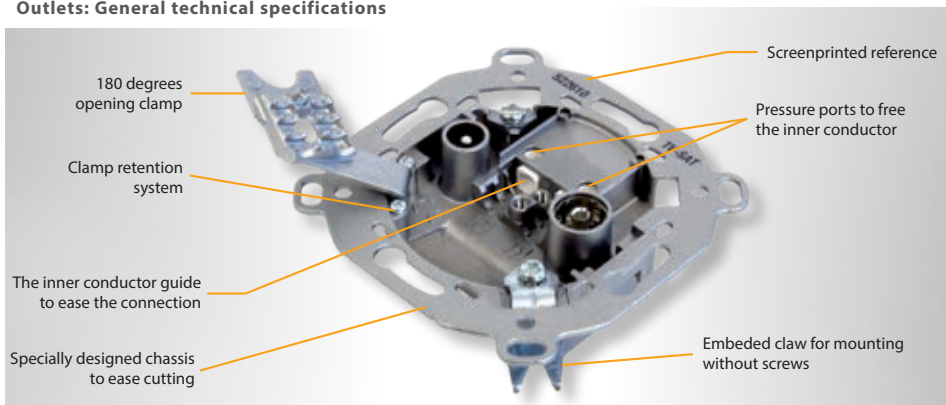


▲ 527402



▲ 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	
19" RACKS		
RACKS		
★ 533105	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
★ 533107	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
★ 533112	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x870x400mm. Wall/Ground Mount (2x1RU cable panels included)	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x1200x400mm. Ground Mount (2x1RU cable panels included)	1
★ 533141	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount [Disassembled]	1
★ 533142	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount	1
ACCESSORIES		
★ 533001	Power Distribution Unit 8 Schuko Outlets 16A for Rack 19" 1RU, Black	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533153	T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
★ 533158	Cable Management for Rack 19" 1RU, 5 Rings	1
★ 533159	Cable Management for Rack 19" 1RU, 1 Hole with Brush Strip	1
533161	Blank Panel for Rack 19" 1RU	1
★ 533162	Blank Panel for Rack 19" 2RU	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

Ref.	Description	
CABINETS AND PLATES		
CABINETS		
5750	Cabinet for Headend Amplifier 440x440x140mm	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
PLATES		
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



▲ 533113



▲ 533106



▲ 533117



▲ 533157



▲ 533152



▲ 5893



▲ 589401



▲ 533105

▲ 533107

▲ 533112



In case of references that are supplied disassembled

Ref.	Description	
ENCLOSURES		
ENCLOSURES		
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)	1
231310	Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)	1
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
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 with Flexible Front Frame	1
★ 546702	Data/Coaxial/Fibre Network Terminal Enclosure	1
ACCESSORIES		
546620	Coaxial Adapter Support "F" Female - "F" Female, for Panels (Refs. 546602 and 546610)	1

Ref.	Description	
PATCH BOXES		
OPTICAL FIBRE (ITU-T G657A2 SINGLE-MODE)		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	1
231520	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231521	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231522	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231523	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231524	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231525	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231526	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231530	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231531	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231532	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231533	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231534	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231535	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231536	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
DATA		
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5
546501	Passive Multiplexer "RJ45" 1 Male - 9 Females, with 0.2m LSFH Lead	1
★ 768101	Ethernet Switch L2, Unmanagable: 8x 10/100 Mbps Ethernet	1
★ 768111	Ethernet Switch L2, Unmanagable: 8x 10/100/1000 Mbps Ethernet	1



▲ 231301



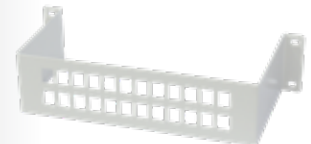
▲ 546601



▲ 546701



▲ 546620



▲ 546610



▲ 231502



▲ 23152x / 23153x



▲ 209910

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS



TRIPLE SHIELDED CABLES

Ref.	Description		
CONVENTIONAL COAXIAL CABLES			
TRIPLE SHIELDING - CLASS A++			
CPR B2ca: Copper / copper			
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
CPR Cca: Copper / copper			
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
CPR Eca: Copper / copper			
4138	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White		100
413801	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White		500
413802	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White		250
TRIPLE SHIELDING - CLASS A+			
CPR Dca: Copper / copper			
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
CPR Eca: Copper / copper			
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
413707	Coaxial Cable SK110plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm Black		250
CPR Eca: Copper / aluminium			
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
CPR Eca: Copper clad steel / aluminium			
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

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



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



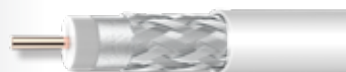
SK2003plus [4140xx] **CLASS A+**
Dca



SK125plus [4135xx] **CLASS A+**
Eca



SK100plus [4136xx] **CLASS A+**
Eca



SK6Fplus [4148xx] **CLASS A+**
Eca

Ref.	Description			
CONVENTIONAL COAXIAL CABLES				
DOUBLE SHIELDING – CLASS A				
CPR Dca: Copper / copper				
★ 214118	Coaxial Cable T-100plus LSFH Dca Class A 16VRtC Ø 1.13/4.8/6.6mm Black	⊕	●	100
★ 214121	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.13/4.8/6.6mm White	⊕	○	100
★ 214122	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.13/4.8/6.6mm White	⊕	○	250
★ 214911	Coaxial Cable TR-165 LSFH UV Resistant Dca Class A 11RtC Ø 1.63/7.2/10.1mm Grey	⊕	●	250
215101	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.12/4.7/6.6mm Grey	⊕	●	100
CPR Eca: Copper / copper				
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
CPR Fca: Copper / copper				
214901	Coaxial Cable TR-165 PE Fca Class A 11PRtC Ø 1.63/7.2/10.1mm Black	⊕	●	250
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
CPR Dca: Copper / aluminium				
★ 212661	Coaxial Cable T-100 LSFH Dca Class A 16AtC Ø 1.13/4.8/6.6mm Grey	⊕	●	250
212811	Coaxial Cable CXT LSFH Dca Class A 19AtC Ø 1.00/4.5/6.5mm Grey	⊕	●	250
CPR Eca: Copper / aluminium				
2126	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White	⊕	○	100
212602	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm Black	⊕	●	250
★ 212623	Coaxial Cable T-100 LSFH Eca Class A 16AtC Ø 1.13/4.8/6.6mm Grey	⊕	●	500
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
CPR Fca: Copper / aluminium				
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



▲ 214118



▲ 214121



▲ 214122

▲ T-100plus

CLASS A
Dca



CLASS A
Dca

▶ CXT [212811]



▲ 212661

CLASS A
Dca



▲ 212502

CLASS A
Fca

Ref.	Description		
CONVENTIONAL COAXIAL CABLES			
DOUBLE SHIELDING - CLASS B			
CPR Dca: Copper / copper clad aluminium			
★ 213810	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm White	○ ○	100
★ 213812	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm White	○ ○	250
★ 213910	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm Black	● ●	100
CPR Eca: Copper / copper clad aluminium			
2138	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm White	○ ○	100
213802	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm White	○ ○	250
2139	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm Black	● ●	100
CPR Eca: Copper clad aluminium /aluminium			
2127	Coaxial Cable CXT-1 PVC Eca 17VAAtC.A Ø 1.00/4.7/6.7mm White	○ ○	100
212701	Coaxial Cable CXT-1 PVC Eca 17VAAtC.A Ø 1.00/4.7/6.7mm Black	● ●	100
212702	Coaxial Cable CXT-1 PVC Eca 17VAAtC.A Ø 1.00/4.7/6.7mm Black	● ●	250
212703	Coaxial Cable CXT-1 PVC Eca 17VAAtC.A Ø 1.00/4.7/6.7mm White	○ ○	250
212704	Coaxial Cable CXT-1 PVC Eca 17VAAtC.A Ø 1.00/4.7/6.7mm White	○ ○	500
ACCESSORIES			
Dispensers			
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)		1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)		1
Fixing			
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black	● ●	1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black	● ●	1
Ref.	Description		
MICRO-CABLES			
MICRO			
CPR Eca: Copper / tinned copper			
210601	Coaxial Cable CXT-5 PVC Eca Class A 24VAAtC Ø 0.8/3.5/5.0mm White	○ ○	150
210603	Coaxial Cable CXT-5 PVC Eca Class B 24VAAtC Ø 0.8/3.5/5.0mm White	○ ○	100
Ref.	Description		
DIRECT-BURIED CABLES			
CPR DCA: COPPER / COPPER			
★ 214001	Coaxial Cable 1/2" LSFH UV Resistant Dca Class A 7RtC Ø 2.7/11.5/15.0mm Grey	● ●	500
★ 214911	Coaxial Cable TR-165 LSFH UV Resistant Dca Class A 11RtC Ø 1.63/7.2/10.1mm Grey	● ●	250
CPR FCA: COPPER / COPPER			
2140	Coaxial Cable 1/2" PE Fca Class A 7PRtC Ø 2.7/11.5/15.0mm Black	● ●	500



▲ 213810

CLASS B
Dca



▲ 213910

CLASS B
Dca



▲ 2127

CLASS B
Eca



▲ 210603

CLASS B
Eca



▲ 214001

CLASS A
Dca



▲ 214911

CLASS A
Dca



▲ 2120xx
(Cable drum not included)

References		413910 413911 413912	414901 414902	4138 413801 413802	414002 414003 414004	414801 414802 414803	413501 413502 413503
Type		SK2020plus	SK2015plus	SK2000plus	SK2003plus	SK6Fplus	SK125plus
Euroclass		A++	A++	A++	A+	A+	A+
Inner Conductor	Ø mm	B2ca 1.05	Cca 1.05	Eca 1.02	Dca 1.02	Eca 1.02	Eca 1.02
	Material	Cu	Cu	Cu	Cu	CCS	Cu
Dielectric	Res. Max. Ohm/Km	22	22	22	22	110	22
	Ø mm	4.6	4.6	4.6	4.6	4.6	4.6
Over Lapped Foil	Material	PEE	PEE	PEE	PEE	PEE	PEE
	Material	B	B	B	B	B	B
Braid	Material	CuSn	CuSn	CuSn	CuSn	Al	CuSn
	Res. Max. Ohm/Km	11	11	11	11	30	15
	Nc x Ns x Ø	24x7x0.1	24x7x0.1	24x7x0.1	24x7x0.1	16x6x0.1	16x6x0.1
Coverage %	82	82	82	82	60	60	
2 nd shielding foil		Yes	Yes	Yes	Yes	Yes	Yes
Anti-migrating Film		No	No	No	No	No	No
Petro-Jelly		No	No	No	No	No	No
Outer sheath	Ø mm	6.9	6.9	6.7	6.7	6.8	6.7
	Material	LSFH UV Resistant	LSFH UV Resistant	PVC	LSFH UV Resistant	PVC	PVC
Spark Test	VAC	3000	3000	3000	3000	3000	3000
Minimum bending radius	mm	34.5	34.5	33.5	33.5	34.0	33.5
Shielding at 1GHz	dB	105	105	105	95	95	95
Capacitance	pF/m	54	54	54	54	53	54
Impedance	Ohm	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	0.9	0.9	0.9	2.5	2.5	2.5
Velocity ratio	%	82	82	84	84	82	84
Attenuations (dB/m)							
Frequency (MHz)	5	0.02	0.02	0.01	0.01	0.02	0.02
	47	0.05	0.05	0.04	0.04	0.04	0.05
	54	0.05	0.05	0.05	0.05	0.04	0.05
	90	0.06	0.06	0.06	0.06	0.06	0.06
	200	0.09	0.09	0.09	0.09	0.09	0.09
	500	0.14	0.14	0.14	0.14	0.14	0.14
	698	0.17	0.17	0.17	0.17	0.17	0.16
	800	0.18	0.18	0.18	0.18	0.18	0.18
	862	0.19	0.19	0.19	0.19	0.19	0.18
	950	0.20	0.20	0.20	0.20	0.20	0.19
	1000	0.21	0.21	0.21	0.21	0.21	0.21
	1220	0.23	0.23	0.22	0.22	0.22	0.22
	1350	0.24	0.24	0.24	0.24	0.24	0.24
	1750	0.28	0.28	0.27	0.27	0.27	0.28
	2050	0.30	0.30	0.30	0.30	0.30	0.30
	2150	0.31	0.31	0.30	0.30	0.30	0.32
	2200	0.32	0.32	0.31	0.31	0.31	0.32
3000	0.38	0.38	0.36	0.36	0.36	0.36	

References		413707	413601 413602 413603	214911	214118 214121 214122	215101	212661	214001
Type		SK110plus	SK100plus	TR-165	T-100plus	T-100plus	T-100	1/2"
Euroclass		A+	A+	A	A	A	A	A
Inner Conductor	Ø mm	Eca 1.02	Eca 1.02	Dca 1.63	Dca 1.13	Dca 1.12	Dca 1.13	Dca 2.70
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu
Dielectric	Res. Max. Ohm/Km	22	22	9	20	18	20	3.2
	Ø mm	4.6	4.6	7.2	4.8	4.7	4.7	11.5
Over Lapped Foil	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE
	Material	B	B	D	C	C	A	C
Braid	Material	CuSn	Al	Cu	Cu	Cu	Al	Cu
	Res. Max. Ohm/Km	15	22	7	20	14	27	7
	Nc x Ns x Ø	16x6x0.1	16x6x0.1	16x8x0.1	16x8x0.1	16x8x0.1	16x8x0.1	24x8x0.1
Coverage %	55	60	77	73	75	77	77	
2 nd shielding foil		Yes	Yes	No	No	Yes	No	No
Anti-migrating Film		No	No	No	Yes	Yes	No	No
Petro-Jelly		No	No	Yes	No	No	No	Yes
Outer sheath	Ø mm	6.7	6.7	10.1	6.6	6.9	6.6	15.0
	Material	PVC	PVC	LSFH UV Resistant	LSFH	LSFH	LSFH	LSFH UV Resistant
Spark Test	VAC	3000	3000	8000	3000	3000	3000	8000
Minimum bending radius	mm	33.5	33.5	50.0	33.5	33.0	33.0	75.0
Shielding at 1GHz	dB	95	95	85	85	85	85	85
Capacitance	pF/m	54	54	53	55	55	52	55
Impedance	Ohm	75	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	2.5	2.5	5.0	5.0	5.0	5.0	5.0
Velocity ratio	%	84	82	84	82	85	85	82
Attenuations (dB/m)								
Frequency (MHz)	5	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	47	0.04	0.04	0.02	0.04	0.04	0.04	0.01
	54	0.04	0.04	0.03	0.04	0.04	0.04	0.02
	90	0.06	0.06	0.04	0.05	0.05	0.05	0.02
	200	0.09	0.09	0.05	0.08	0.08	0.08	0.03
	500	0.14	0.14	0.09	0.13	0.13	0.13	0.06
	698	0.16	0.16	0.10	0.15	0.14	0.15	0.07
	800	0.18	0.18	0.11	0.16	0.15	0.16	0.07
	862	0.18	0.18	0.12	0.17	0.16	0.17	0.08
	950	0.19	0.19	0.12	0.18	0.17	0.18	0.08
	1000	0.21	0.21	0.13	0.19	0.19	0.19	0.08
	1220	0.22	0.22	0.14	0.20	0.20	0.20	0.09
	1350	0.24	0.24	0.15	0.22	0.22	0.22	0.10
	1750	0.27	0.27	0.18	0.25	0.25	0.25	0.12
	2050	0.29	0.30	0.19	0.28	0.25	0.27	0.13
	2150	0.30	0.30	0.19	0.29	0.26	0.27	0.12
	2200	0.30	0.30	0.19	0.29	0.28	0.28	0.12
3000	0.36	0.36	0.23	0.33	0.31	0.33	0.14	

Sheath	Environment
PVC	Indoor
PE	Outdoor
LSFH	Special <i>(Low Smoke Free of Halogen)</i>

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

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

References		214102 214104 214108	212501 212502	2126 212602	212623	210601	2128 212801 212811
Type		T-100plus	T-100	T-100	T-100	CXT-5	CXT
Euroclass		A	A	A	A	A	A
Inner Conductor	Ø mm	Eca	Eca	Eca	Eca	Eca	Eca
	Material	1.13	1.13	1.13	1.13	0.80	1.00
Dielectric	Res. Max. Ohm/Km	Cu	Cu	Cu	Cu	Cu	Cu
	Ø mm	20	20	20	20	37	23
Over Lapped Foil	Material	4.8	4.7	4.7	4.7	3.4	4.5
	Material	PEE	PEE	PEE	PEE	PEE	PEE
Braid	Material	C	A	A	A	A	B
	Res. Max. Ohm/Km	Cu	Al	Al	Al	TCCAM	Al
2 nd shielding foil	Nc x Ns x Ø	12	27	27	27	28	31
	Coverage %	16x8x0.1	16x8x0.1	16x8x0.1	16x8x0.1	16x6x0.1	16x8x0.1
Anti-migrating Film		75	77	77	77	75	79
Petro-Jelly		No	No	No	No	No	No
Outer sheath	Ø mm	Yes	No	No	No	No	No
	Material	No	No	No	No	No	No
Spark Test		6.6	6.6	6.6	6.6	5.0	6.5
Minimum bending radius	VAC	PVC	PE	PVC	LSFH	PVC	PVC
Shielding at 1GHz	mm	3000	3000	3000	3000	3000	3000
Capacitance	dB	33.0	33.0	33.0	33.0	25.0	32.5
Impedance	pF/m	85	85	85	85	75	85
Transfer impedance Max. (5-30MHz)	Ohm	55	52	52	52	53	54
Velocity ratio	mOhm/m	75	75	75	75	75	75
Attenuations (dB/m)	%	5.0	5.0	5.0	5.0	5.0	5.0
Frequency (MHz)	5	82	85	85	85	82	82
	47	0.01	0.01	0.01	0.01	0.02	0.01
	54	0.03	0.04	0.04	0.05	0.06	0.04
	70	0.04	0.04	0.04	0.05	0.06	0.05
	90	0.05	0.05	0.05	0.05	0.07	0.05
	100	0.08	0.08	0.08	0.09	0.11	0.09
	150	0.13	0.13	0.13	0.14	0.18	0.14
	200	0.15	0.15	0.15	0.16	0.21	0.17
	300	0.16	0.16	0.16	0.18	0.23	0.18
	400	0.17	0.17	0.17	0.18	0.23	0.18
	500	0.18	0.18	0.18	0.19	0.24	0.19
	600	0.19	0.19	0.19	0.20	0.25	0.21
	800	0.20	0.20	0.20	0.21	0.28	0.22
	1000	0.22	0.22	0.22	0.23	0.30	0.25
	1500	0.25	0.25	0.25	0.26	0.34	0.27
	2000	0.28	0.27	0.27	0.29	0.37	0.30
	3000	0.29	0.28	0.28	0.28	0.39	0.31
	4000	0.33	0.33	0.33	0.33	0.45	0.37

References		214901	215501 215502	2140	210603	213810 213812 213910	2127 212701 212702 212703 212704	2138 213802 2139
Type		TR-165	T-100plus	1/2"	CXT-5	CXT	CXT-1	CXT
Euroclass		A	A	A	B			
Inner Conductor	Ø mm	Fca	Fca	Fca	Eca	Dca	Eca	Eca
	Material	1.67	1.13	2.70	0.80	1.00	1.00	1.00
Dielectric	Res. Max. Ohm/Km	Cu	Cu	Cu	Cu	Cu	CCS	Cu
	Ø mm	9	20	3.2	37	23	120	23
Over Lapped Foil	Material	7.2	4.8	11.5	3.4	4.8	4.7	4.8
	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE
Braid	Material	A	C	C	A	C	B	C
	Res. Max. Ohm/Km	Cu	Cu	Cu	TCCAM	CCA	Al	CCA
2 nd shielding foil	Nc x Ns x Ø	7	12	7	35	35	30	35
Anti-migrating Film	Coverage %	16x8x148.0	16x8x0.1	24x6x0.1	16x4x0.2	16x3x0.1	16x8x0.1	16x3x0.1
Petro-Jelly		70	75	53	55	35	77	35
Outer sheath	Ø mm	No	No	No	No	No	No	No
	Material	Yes	Yes	No	No	No	No	No
Spark Test		10.1	6.6	15.0	5.0	6.6	6.7	6.6
Minimum bending radius	VAC	PE	PE	PE	PVC	LSFH	PVC	PVC
Shielding at 1GHz	mm	8000	3000	8000	3000	3000	3000	3000
Capacitance	dB	50.0	33.0	75.0	25.0	33.0	33.0	33.0
Impedance	pF/m	85	85	85	75	75	85	75
Transfer impedance Max. (5-30MHz)	Ohm	53	55	55	53	55	54	55
Velocity ratio	mOhm/m	75	75	75	75	75	75	75
Attenuations (dB/m)	%	5.0	5.0	5.0	15.0	-	15.0	-
Frequency (MHz)	5	84	82	82	82	82	82	82
	47	0.01	0.01	0.01	0.02	0.01	0.02	0.01
	54	0.03	0.03	0.03	0.06	0.04	0.04	0.04
	70	0.04	0.04	0.02	0.06	0.04	0.05	0.04
	90	0.04	0.05	0.02	0.07	0.06	0.06	0.06
	100	0.06	0.08	0.03	0.11	0.08	0.09	0.08
	150	0.09	0.13	0.05	0.18	0.13	0.14	0.13
	200	0.10	0.15	0.07	0.22	0.16	0.17	0.16
	300	0.11	0.16	0.07	0.23	0.17	0.17	0.17
	400	0.12	0.17	0.08	0.24	0.18	0.19	0.18
	500	0.12	0.18	0.08	0.25	0.19	0.20	0.19
	600	0.14	0.19	0.08	0.25	0.20	0.22	0.20
	800	0.14	0.20	0.09	0.29	0.22	0.23	0.22
	1000	0.16	0.22	0.10	0.30	0.24	0.27	0.24
	1500	0.17	0.25	0.11	0.34	0.26	0.27	0.26
	2000	0.18	0.26	0.13	0.37	0.28	0.31	0.28
	3000	0.19	0.27	0.12	0.38	0.29	0.32	0.29
	4000	0.19	0.28	0.12	0.40	0.30	0.32	0.30
5000	0.23	0.33	0.14	0.45	0.35	0.39	0.35	

Sheath	Enviroment
PVC	Indoor
PE	Outdoor
LSFH	Special (Low Smoke Free of Halogen)

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

Other abbreviations
PE Polyethylene
PEE Foam Polyethylene
PVC Polyvinyle Chlorhidre
Al Aluminium
Cu Copper

CCA Copper Clad Aluminium
CCS Copper Clad Steel
CuSn Tinned Copper
TCCAM Tinned Copper Clad Aluminium Magnesium

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

Ref.	Description		
EXTENSION CORDS			
WITH TRIPLE SHIELDING CABLE			
3851	Coaxial Cable Lead "F" Compression 1.5m White (Bag B0)	○	30
385101	Coaxial Cable Lead "F" Compression 3m White (Bag B0)	○	20
385102	Coaxial Cable Lead "F" Compression 5m White (Bag B0)	○	15
3852	Coaxial Cable Lead "IEC" Male-Female Compression 1.5m White (Bag B0)	○	30
385201	Coaxial Cable Lead "IEC" Male-Female Compression 3m White (Bag B0)	○	20
385202	Coaxial Cable Lead "IEC" Male-Female Compression 5m White (Bag B0)	○	15
3853	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 1.5m White (Bag B0)	○	30
385301	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 3m White (Bag B0)	○	20
385302	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 5m White (Bag B0)	○	15
3854	Coaxial Cable Lead "F" - "IEC" Female Compression 1.5m White (Bag B0)	○	30
385401	Coaxial Cable Lead "F" - "IEC" Female Compression 3m White (Bag B0)	○	20
385402	Coaxial Cable Lead "F" - "IEC" Female Compression 5m White (Bag B0)	○	15
385501	Coaxial Cable Lead "F" Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
3856	Coaxial Cable Lead "F" - "IEC" Male Compression 1.5m White (Bag B0)	○	30
385601	Coaxial Cable Lead "F" - "IEC" Male Compression 3m White (Bag B0)	○	20
385602	Coaxial Cable Lead "F" - "IEC" Male Compression 5m White (Bag B0)	○	15
385701	Coaxial Cable Lead "F" Compression - "IEC" Male "PRO EasyF" 3m White (Bag B0)	○	20
3858	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 1.5m White (Bag B0)	○	30
385801	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
385802	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 5m White (Bag B0)	○	15
435501	Coaxial Cable PVC Ø 6.6mm White 20m (Reel)	○	1/20
★ 4371	Coaxial Cable PVC Ø 6.6mm White 10m (Blister T2)	○	10
WITH DOUBLE SHIELDING CABLE			
431001	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 1,5m Grey (Blister T1)	●	8
431002	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 2,5m Grey (Blister T1)	●	8
OTHER			
75 Ohm			
4311	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m White (Blister T1)	○	8
4312	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m Black (Blister T1)	●	8
4314	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m Black (Blister T1)	●	8
4389	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m White (Blister T1)	○	8



▲ 3851



▲ 385102



▲ 3858



▲ 435501



▲ 431001



▲ 4311



▲ 4314



▲ 4389

TV DISTRIBUTION COAXIAL CABLES AND CONNECTORS

QUICK PRODUCT GUIDE_2021

Ref.	Description	
CONNECTORS (75 OHM)		
PRO EASYF		
IEC type		
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
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
"Quick F" type		
413410	"PRO EasyF" "Quick F" Connector Elbowed Class A+ Shielded	25/250
ASSEMBLING		
IEC type		
4130	"IEC" Ø 9.5mm Connector Male Elbowed Shielded	25/250
4131	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)	25/250
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" Ø 9.5mm Connectors Male & Female Straight (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" Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)	10
F type		
4120	F" Connector for 1/2" Cable	1/20
"Quick F" type		
4176	"Quick F" Connector Elbowed Shielded	25/250
5/8" type		
4122	5/8" Connector with O-ring for TR-165 Ø 11mm Cable	1
COMPRESSION		
F type		
3802	"F" Connector Compression for TSH Triple Shielded Cables (SK), Plastic Box	50/500
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
410901	"F" Connector Compression Elbowed for T-100 Cable	25
"Quick F" type		
410701	"Quick F" Connector Compression Elbowed for T-100 & CXT-60 Cables, Plastic Box	25/250
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
THREADED		
F type		
3808	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable, Plastic Box	100/1000
4127	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable	30/720
417101	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	100/1000
417102	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	50
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)	10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)	10
934650	"F" Connector Threaded for CXT-50 Cable, Plastic Box	50
9349	"F" Connector Threaded for TR-165 Cable	10/100

PRO EasyF Class A+ CONNECTORS

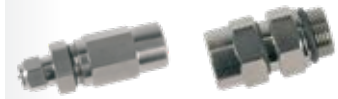
THE
EXCEPTIONAL
SCREENING
FOR A COAXIAL
NETWORK



▲ 413210 ▲ 413310 ▲ 413410



▲ 4130



▲ 4120 ▲ 4122



▲ 3802 ▲ 4104



▲ 4106 ▲ 410901



▲ 216401



▲ 417101



▲ 4127



▲ 4306

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

Ref.	Description	
CONNECTORS (75 OHM)		
ADAPTERS		
3816	"F" Male - "F" Female Elbowed Adapter, Plastic Box	50/500
3817	"F" Female - "IEC" Female Adapter, Plastic Box	50/500
381730	"F" Female - "IEC" Male Elbowed Adapter, Plastic Box	50
3820	"F" Female - "IEC" Male Adapter, Plastic Box	50/500
3821	"Quick F" Male - "F" Male Adapter, Plastic Box	50/500
4066	Joint Connector for Coaxial Cable	25
4123	5/8" Male - "F" Female Adapter	1/20
4173	"F" Female - "F" Female Adapter, Plastic Box	50/500
4307	"F" Female - "F" Female Adapter (Bag B1)	10
4309	Joint Connector for Coaxial Cable (Bag B1)	10
TERMINAL LOAD		
4058	Terminal Load "F" 750hm without DC Blocked	10/200
405802	Terminal Load "F" 750hm without DC Blocked, Plastic Box	100
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4087	Terminal Load "EasyF" 750hm with DC Blocked	25
408701	Terminal Load "EasyF" 750hm with DC Blocked, Plastic Box	100
ACCESSORIES		
4071	DC Blocker "F"	10
★ 418001	Weatherproof Cap for "F" Compression & Crimp Connectors	10/250
TOOLS		
FOR COAXIAL CABLE		
2145	Professional Coaxial Cable Stripper	10
2162	Coaxial Cable Stripper (Bag B2)	10
FOR CONNECTORS		
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



▲ 3821



▲ 381730



▲ 4123



▲ 4173



▲ 4309



▲ 4087



▲ 4061



▲ 4071



▲ 418001



▲ 2145



▲ 216101



▲ 216120



▲ 2162



▲ 2163



▲ 216301
















































▲ 216310

TV DISTRIBUTION

DATA CABLES AND CONNECTORS

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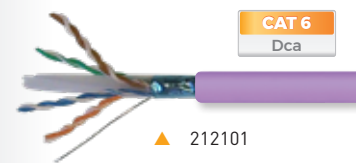
Ref.	Description		
DATA CABLES			
CATEGORY 7			
Copper (Cu)			
219101	Data Cable DK7000 S/FTP Cat 7 Cca Cu LSFH Ø 7,4mm White	 	305
CATEGORY 6A			
Copper (Cu)			
219301	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White	 	305
★ 219302	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White	 	500
CATEGORY 6			
Copper (Cu)			
212101	Data Cable DK6000 F/UTP Cat 6 Dca Cu LSFH Ø 7,2mm Violet	 	500
212201	Data Cable DK6000 U/UTP Cat 6 Fca Cu PE Ø 6,2mm White	 	305
2123	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet	 	305
212302	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet	 	1000
212305	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm White	 	500
212310	Data Cable DK6000 U/UTP Cat 6 Eca Cu LSFH Ø 6,0mm Violet	 	305
2199	Data Cable DK6000 U/UTP Cat 6 Eca Cu PVC Ø 6,2mm White	 	305
CATEGORY 5E			
Copper (Cu)			
219502	Data Cable DK5000E F/UTP Cat 5E Eca Cu LSFH Ø 6,3mm Grey	 	305
219602	Data Cable DK5000E U/UTP Cat 5E Eca Cu LSFH Ø 5,5mm Grey	 	305
219701	Data Cable DK5000E U/UTP Cat 5E Fca Cu PE Ø 5,5mm Black	 	305
PATCH-CORDS			
Category 6A			
★ 209102	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey (Bag B0)		1
★ 209103	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey (Bag B0)		1
★ 209104	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey (Bag B0)		1
★ 209105	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey (Bag B0)		1
Category 6			
★ 209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)		1
★ 209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)		1
★ 209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)		1
★ 209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)		1
★ 209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)		1
★ 209011	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White		10
★ 209012	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White		10
★ 209013	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White		10
★ 209014	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White		10
★ 209015	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White		10
★ 209016	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 7m White		10
★ 209017	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 10m White		10
★ 209018	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 20m White		10
ACCESSORIES			
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black		1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black		1



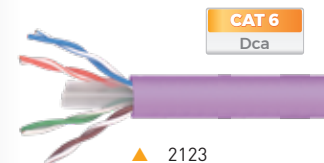
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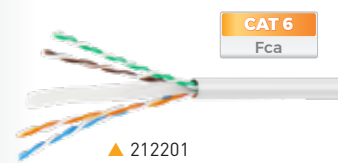
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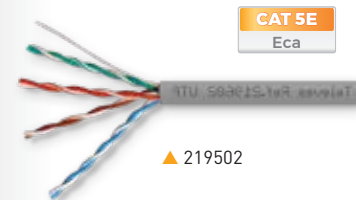
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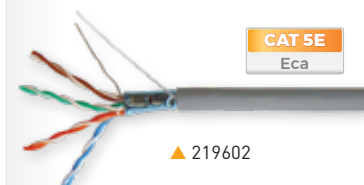
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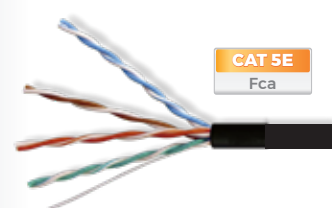
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▲ 219502



▲ 219602



▲ 219701

TV DISTRIBUTION
DATA CABLES AND CONNECTORS

Ref.	Description	
CONNECTORS		
CRIMP		
Category 6A		
★ 209921	Data Connector RJ45 UTP Cat 6A Female, Plastic Box	10
★ 209923	Data Connector RJ45 FTP Cat 6A Female, Plastic Box	10
Category 6		
209901	Data Connector RJ45 UTP Cat 6 Female 90°/180°, Plastic Box	10
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box	50
★ 209903	Data Connector RJ45 FTP Cat 6 Female, Plastic Box	10
★ 209904	Data Connector RJ45 FTP Cat 6 Male, Plastic Box	50
★ 209961	Data Connector RJ45 UTP Cat 6 Male with White Sleeve, Plastic Box	○ 25
★ 209962	Data Connector RJ45 UTP Cat 6 Male with Grey Sleeve, Plastic Box	● 25
Kits		
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 AND ACCESSORIES		
209801	Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors	1
★ 209811	Termination Tool for RJ45 Cat 6 Female Connectors	1
Ref.	Description	
DATA DISTRIBUTION		
OUTLETS/ROSETTES		
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5



▲ 209923



▲ 209921



▲ 209904



▲ 209401

References		219101	219301 219302	212101	2123 212302	212305	212310	2199	212201	219502	219602	219701
Type		S/FTP	U/FTP	F/UTP	U/UTP	U/UTP	U/UTP	U/UTP	U/UTP	F/UTP	U/UTP	U/UTP
Category		7	6A	6	6	6	6	6	6	5E	5E	5E
Euroclass		Cca	Cca	Dca	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	0.55	0.51	0.50	0.50
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Electrolytic Cu
Conductor Type	AWD	23	23	23	23	23	24	23	24	24	24	24
Conductor isolation	Ø mm	1.30	1.30	0.95	0.95	1.02	0.92	0.95	0.92	0.95	0.95	0.95
	Material	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE
Filler	Crucifix	No	No	Yes	No	Yes	No	Yes	Yes	No	No	No
Shielding foil	Material	A	A	A	No	No	No	No	No	A	No	No
Outer shielding braid	Material	CuSn	No	No	No	No	No	No	No	No	No	No
Ground cable	Ø mm	No	0.4	No	No	No	No	No	No	0.4	No	No
	Material	No	CuSn	No	No	No	No	No	No	CSS	No	No
Outer sheath	Ø mm	7.40	6.90	7.20	6.20	6.20	6.00	6.20	6.20	6.30	5.50	5.50
	Material	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	PVC	PE	LSFH	LSFH	PE
	Thickness (mm)	0.70	0.70	0.60	0.50	0.50	0.52	0.50	0.55	0.67	0.60	0.60
	Color	White	White	Violet	Violet	White	Violet	White	White	Grey	Grey	Black
Rip cord		No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spark test	VAC	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Nominal impedance	Ohm	100	100	100	100	100	100	100	100	100	100	100
Max. conductor resistance	Ohm/Km	93.80	93.80	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00
Nominal speed	%	79	79	72	72	72	72	72	72	69	69	69
Working voltage	V	125	125	300	300	300	300	300	300	300	300	300

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

Over Lapped Foil composition Environment
A Aluminium + Polyester

Other abbreviations
Cu Copper
CCS Copper Clad Steel
CuSn Tinned copper

Ref.	Description		
SET TOP BOXES			
SATELLITE TV			
7118	Satellite Digital Set-top Box FTA with Modulator (FreeSat)	1	
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) (HDMI Cable Male-Male 1.5m included)	1/10	
★ 7506	Sat Kit 830 Digital: ISD Offset Dish 830 Al (Ref. 793101)+ Single LNB (Ref. 7475) + Satellite Digital Receiver (Ref. 717402)	1	●
Ref.	Description		
MODULATORS			
★ 585301	Modulator DVB-T 1i: HDMI - 1 Mux(174...230/470...862MHz): COFDM (MPEG-4). With 2xUSB, HDMI pass-through and Bluetooth for remote management	1	
585401	DiMod HD Encoder/Modulator DVB-T/DVB-C 1i: HDMI/USB - 1 Mux(47...862MHz): COFDM/QAM (MPEG2/4) Configurable by WiFi.	1	
5858	Domestic Modulator with Display (VHF/UHF)	1	
640301	Wall Mount	1	
Ref.	Description		
A/V AND IR SENDERS			
WIRELESS A/V AND IR SENDERS			
★ 716701	Digidom Transmitter + Receiver HDMI 5GHz	1/10	
IR SENDER OVER COAXIAL			
7605	Transmitter + Receiver Remote Control Extender over Coaxial Cable	1/6	
7606	Single Transmitter Remote Control Extender over Coaxial Cable	1/10	
Ref.	Description		
HDMI DISTRIBUTION			
CABLE LEADS			
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	8	●
494502	HDMI Cable Male-Male 3m Black (Blister T2)	10	●
494503	HDMI Cable Male-Male 5m Black (Blister T2)	10	●
★ 494504	HDMI Cable Male-Male 1.5m Black	100	●
494505	HDMI Cable Male-Male 1.5m Black (Bag)	100	●



▲ 717501



▲ 7506



▲ 585301



▲ 585401



▲ 716701



▲ 494501



▲ 494502



▲ 7606

TV DISTRIBUTION
PROFESSIONAL EQUIPMENT

Ref.	Description	
FIELD STRENGTH METERS		
H30 & H30D3		
Meters		
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
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
593210	Option MPEG Service Information (DVB-C)	1
Accessories		
593201	Protective Sleeve	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1
H30FLEX		
Meters		
593301	H30FLEX: DVB-S/S2 + DVB-T	1
593302	H30FLEX: DVB-S/S2 + DVB-T/T2	1
593303	H30FLEX: DVB-S/S2 + DVB-C	1
593304	H30FLEX: DVB-S/S2 + DVB-T/T2 + DVB-C	1
593311	H30FLEX: DVB-S/S2/T (Carrying Case and Coaxial Cable Lead included)	1
593312	H30FLEX: DVB-S/S2/T/T2 (Carrying Case and Coaxial Cable Lead included)	1
593313	H30FLEX: DVB-S/S2/C (Carrying Case and Coaxial Cable Lead included)	1
593314	H30FLEX: DVB-S/S2/T/T2/C (Carrying Case and Coaxial Cable Lead included)	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
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
Accessories		
593201	Protective Sleeve	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1



▲ 593239



▲ 593205

H30FLEX

All the functions you need in your hand



h30flex.televes.com

me.televes.com/h30flex



▲ 593201

New protective sleeve with 4-leash harness.

It keeps the meter stable and with clear visibility, facilitating its use with one or both hands.



▲ 593102



▲ 593104

Ref.	Description	
FIELD STRENGTH METERS		
H30EVOLUTION		
Meters		
593501	H30Evolution: DVB-S/S2 + DVB-T (Smartphone Armband included)	1
593502	H30Evolution: DVB-S/S2 + DVB-T/T2 (Smartphone Armband included)	1
593503	H30Evolution: DVB-S/S2 + DVB-C (Smartphone Armband included)	1
593504	H30Evolution: DVB-S/S2 + DVB-T/T2 + DVB-C (Smartphone Armband included)	1
593505	H30Evolution FULL: Full DVB (-S/S2 + -T/T2 + -C) + IPTV Option + WiFi 2,4/5 GHz Option + HEVC display + Coaxial Cable Lead + Carrying Case (Smartphone Armband included)	1
★ 593511	H30Evolution: DVB-S/S2/T (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593512	H30Evolution: DVB-S/S2/T/T2 (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593513	H30Evolution: DVB-S/S2/C (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593514	H30Evolution: DVB-S/S2/T/T2/C (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
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
Accessories		
593201	Protective Sleeve	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1
MOSAIQ6		
Meters		
596101	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Bag included)	1
596102	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Case included)	1
★ 596105	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
596111	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)	1
596112	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (Carrying Case included)	1
★ 596115	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, Selective F.O. Interface (CWDM Filter), WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
Options		
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	1
596205	Option 4K - Ultra High Definition (UHD)	1
Accessories		
596210	Stand-alone, field replaceable battery	1
596211	Carrying Bag	1
596212	Adapter "N" Male - "F" Female	1
596213	Screen Protector	1
596214	Carrying Case	1

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



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 it is possible to operate so easily a meter with so many performances.

mosaiq6.televes.com



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



▲ 4008



▲ 2340



▲ 2322



▲ 232105



▲ 2341



▲ 2325



▲ 232701



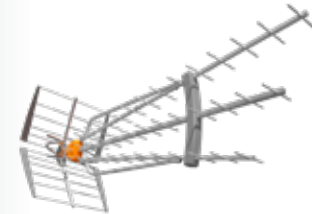
▲ 2328

TERRESTRIAL ANTENNAS

Ref.	Description		
INTELLIGENT: OUTDOOR SERIES			
ELLIPSE SERIES			
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Single Packing)	TFORCE LTE700	● 1/4
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	TFORCE LTE700	● 1/4
DAT SERIES			
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)	TFORCE LTE700	● 1
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	TFORCE LTE700	● 1
149821	DAT BOSS MIX LR Terrestrial Antenna BIII/UHF (C5-12/21-48) G 8.5/18dBi BOSS OFF, G 36.5/46dBi BOSS ON (Single packing)	TFORCE LTE700	● 1
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	TFORCE LTE700	● 1/5
DINOVA BOSS			
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○ 1
★ 144224	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON (Kit with accesories)	TFORCE LTE700	○ 1
OMNINOVA BOSS			
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF (Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○ 1
CAMPNOVA BOSS			
★ 144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/10/22dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○ 1
Ref.	Description		
INTELLIGENT: INDOOR SERIES			
BEXIA			
130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	● 1
MIRA BOSS			
★ 130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	TFORCE LTE700	● 1
INNOVA BOSS			
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	● 1



▲ 148925



▲ 149721



▲ 130501

SATELLITE DISHES

Ref.	Description		
LNB			
COAXIAL (RF)			
4332	Offset LNB Twin (2 Outputs Hh/Vh/HU/VI) G 60dB (Blister T2)	●	6
4365	Offset LNB Single (Universal) Hh/Vh/HU/VI G 60dB (Blister T1)	●	8
Ref.	Description		
SATELLITE TV KITS			
★ 7506	Sat Kit 830 Digital: ISD Offset Dish 830 AI (Ref. 793101)+ Single LNB (Ref. 7475) + Satellite Digital Receiver (Ref. 717402)	●	1



▲ 130121



▲ 144521



▲ 7506



▲ 4332

DO IT YOURSELF SET TOP BOXES AND DOMESTIC ACCESSORIES

Ref.	Description	
SET TOP BOXES		
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) (HDMI Cable Male-Male 1.5m included)	1/10
MODULATORS		
★ 585301	Modulator DVB-T 1i: HDMI - 1 Mux(174...230/470...862MHz): CODFM (MPEG-4). With 2xUSB, HDMI pass-through and Bluetooth for remote management	1
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 Display (VHF/UHF)	1
A/V AND IR SENDERS		
WIRELESS A/V AND IR SENDERS		
★ 716701	Digidom Transmitter + Receiver HDMI 5GHz	1/10
IR SENDER OVER COAXIAL		
7605	Transmitter + Receiver Remote Control Extender over Coaxial Cable	1/6
7606	Single Transmitter Remote Control Extender over Coaxial Cable	1/10



▲ 717402



▲ 585301

FILTERING AND AMPLIFICATION

Ref.	Description	
COMBINERS		
MATV (TERRESTRIAL)		
★ 433401	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF (Blister T1)	LTE790 ● 10
SMATV (TERRESTRIAL + SATELLITE)		
4340	Combiner MATV-SAT 2i/1o: 5..862-950..2050MHz[dc] (Blister T1)	LTE790 8
DOMESTIC POWER SUPPLY UNITS		
F-CONNECTOR SERIES		
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)	8
DOMESTIC AMPLIFIERS		
IEC-CONNECTOR SERIES		
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
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dB μ V (Blister T1)	LTE700 8
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dB μ V (Blister T1)	LTE790 8
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47..790MHz G 20dB Vo 106dB μ V + Output TV Outlet G 12dB (Blister T1)	LTE790 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
F-CONNECTOR SERIES		
545801	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 + Pre-amplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE 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 + Pre-amplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE 8
★ 552001	Domestic Amplifier 1i/(2o+TV) "F": 5..65/88..1006MHz G -7/21dB Vo 111dB μ V +Output TV Outlet G14dB (Passive Return)(Blister T1)	8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dB μ V + Output TV Outlet G 12dB (Blister T1)	LTE700 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
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
5525	Domestic Amplifier 1i/(2o+TV) "F" 5..65/87.5..862MHz G -7/18dB Vo 106dB μ V + Output TV Outlet G 12dB (Passive Ret.+Equaliser)(Blister T1)	8
5530	Domestic Amplifier 1i/(2o+TV) "F" 5..30/47..862/950..2150MHz G(-9)/19/21dB Vo 111/114dB μ V +Output TV Outlet G(-16)/11/13dB (Blister T1)	8
5531	Domestic Amplifier 1i/6o "F": 47...862MHz G 16dB Vo 103dB μ V (Blister T1)	8
★ 553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dB μ V (Blister T1)	LTE700 8
★ 553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dB μ V (Passive Ret.+Equaliser) (Blister T1)	8
★ 553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dB μ V (Passive Ret.+Equaliser) (Blister T1)	8
ATTENUATORS		
PLUG-IN FORMAT: IEC CONNECTOR		
4315	Adjustable Attenuator "IEC" \varnothing 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)	10



▲ 7605



▲ 433401



▲ 4340



▲ 552120



▲ 4315

Ref.	Description	
SPLITTERS		
EASYF SERIES		
432803	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass 0-I (Bag B3)	8
432902	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass All (Blister T1)	8
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.5/4.3dB DC Pass All With Outdoor Mounting Case (Blister T1)	● 10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB DC Pass 0-I With Outdoor Mounting Case (Blister T1)	● 8
PLUG-IN FORMAT: IEC CONNECTOR		
4320	Inductive Splitter "IEC" Ø 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)	10
4322	Inductive Splitter "IEC" Ø 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)	10
OUTLETS		
END OUTLETS		
4301	End Outlet Dplxed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)	8
4372	End Outlet 5...862MHz, TV-FM 4.5-18dB w/o DC Pass + Face Plate (Blister T1)	8
THROUGH OUTLETS		
4335	Bridged Outlet + Face Plate TV-R + Back Box for Surface Mounting Outlet (Blister T1)	8
4373	Through Outlet 5...862MHz, TV-FM 9.5-24dB w/o DC Pass + Face Plate (Blister T1)	8
ACCESSORIES		
4336	White Back Box for Surface Mounting Outlet (Blister T1)	○ 10



▲ 432803



▲ 4322



▲ 4372



▲ 4373



▲ 4336

DO IT YOURSELF
CABLES AND CONNECTORS

Ref.	Description		
COAXIAL			
COAXIAL CABLE			
435501	Coaxial Cable PVC Ø 6.6mm White 20m (Reel)	○	1/20
★ 4371	Coaxial Cable PVC Ø 6.6mm White 10m (Blister T2)	○	10
TRIPLE SHIELDING EXTENSION CORDS (TSH)			
3851	Coaxial Cable Lead "F" Compression 1.5m White (Bag B0)	○	30
385101	Coaxial Cable Lead "F" Compression 3m White (Bag B0)	○	20
385102	Coaxial Cable Lead "F" Compression 5m White (Bag B0)	○	15
3852	Coaxial Cable Lead "IEC" Male-Female Compression 1.5m White (Bag B0)	○	30
385201	Coaxial Cable Lead "IEC" Male-Female Compression 3m White (Bag B0)	○	20
385202	Coaxial Cable Lead "IEC" Male-Female Compression 5m White (Bag B0)	○	15
3853	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 1.5m White (Bag B0)	○	30
385301	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 3m White (Bag B0)	○	20
385302	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 5m White (Bag B0)	○	15
3854	Coaxial Cable Lead "F" - "IEC" Female Compression 1.5m White (Bag B0)	○	30
385401	Coaxial Cable Lead "F" - "IEC" Female Compression 3m White (Bag B0)	○	20
385402	Coaxial Cable Lead "F" - "IEC" Female Compression 5m White (Bag B0)	○	15
385501	Coaxial Cable Lead "F" Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
3856	Coaxial Cable Lead "F" - "IEC" Male Compression 1.5m White (Bag B0)	○	30
385601	Coaxial Cable Lead "F" - "IEC" Male Compression 3m White (Bag B0)	○	20
385602	Coaxial Cable Lead "F" - "IEC" Male Compression 5m White (Bag B0)	○	15
385701	Coaxial Cable Lead "F" Compression - "IEC" Male "PRO EasyF" 3m White (Bag B0)	○	20
3858	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 1.5m White (Bag B0)	○	30
385801	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
385802	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 5m White (Bag B0)	○	15
DOUBLE SHIELDING EXTENSION CORDS			
431001	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 1,5m Grey (Blister T1)	●	8
431002	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 2,5m Grey (Blister T1)	●	8
4311	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m White (Blister T1)	○	8
4312	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m Black (Blister T1)	●	8
4314	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m Black (Blister T1)	●	8
4389	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m White (Blister T1)	○	8
PRO EASYF 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
IEC TYPE CONNECTORS			
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" Ø 9.5mm Connectors Male & Female Straight (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" Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)		10
F TYPE CONNECTORS			
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)		10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)		10
ADAPTERS			
4307	"F" Female - "F" Female Adapter (Bag B1)		10
4309	Joint Connector for Coaxial Cable (Bag B1)		10
ACCESSORIES			
2162	Coaxial Cable Stripper (Bag B2)		10
4360	Opened Staple for Coaxial Cable [25 units] (Bag B1)		10



▲ 435501

CLASS A**



▲ 385101



▲ 4312



▲ 437501



▲ 437410



▲ 2162

DO IT YOURSELF
CABLES AND CONNECTORS

Ref.	Description		
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DATA

PATCH-CORDS

★ 209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)	○	1
★ 209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)	○	1
★ 209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)	○	1
★ 209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)	○	1
★ 209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)	○	1
★ 209102	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey (Bag B0)	●	1
★ 209103	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey (Bag B0)	●	1
★ 209104	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey (Bag B0)	●	1
★ 209105	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey (Bag B0)	●	1

Ref.	Description	
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OPTICAL FIBRE

PRE-TERMINATED PATCH CORDS

232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"- "FC/UPC" 2m (Bag B4)	10

Ref.	Description		
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AUDIO/VIDEO

HDMI

494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	●	8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	●	10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	●	10
494505	HDMI Cable Male-Male 1.5m Black (Bag)	●	100

MECHANICAL ACCESSORIES

Ref.	Description	
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MAST MOUNTING

4361	Guy Wire Mounting Kit Ø 45mm	1/5
4951	Mast Clamp Zinc+RCP Ø 25...45mm (Blister T1)	8
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)	8



▲ 232623



▲ 494501



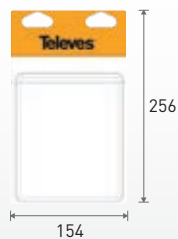
▲ 4361

Packaging types (mm)

BLISTERS

T1

T2



BAGS

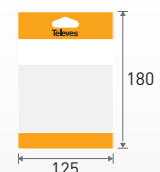
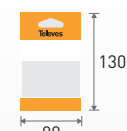
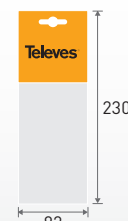
B0

B1

B2

B3

B4



Televés **DATACOM**

Products and solutions for data networks in commercial and domestic environments, mainly aimed at the electrical distribution channel.



Ref.	Description		
CABLES AND PATCH-CORDS			
MULTI-FIBRE			
Tight buffer 250µm			
231414	Multi-fiber Cable 16 Single-mode Fibers LSFH Dca	●	x m
231614	Multi-fiber Cable 24 Single-mode Fibers LSFH Dca	●	x m
231714	Multi-fiber Cable 48 Single-mode Fibers LSFH Dca	●	x m
4 FIBRES			
Tight buffer 250µm			
231911	4 Fiber Cable Single-mode Indoor LSFH Fca	○ ●	300
2 FIBRES			
Tight buffer 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			
With SC/APC connectors			
232602	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail		25
★ 232611	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 10m		1
★ 232612	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m		1
★ 232614	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m		1
★ 232616	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m		1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)		10
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)		10
★ 232652	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m		1
★ 232654	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m		1
★ 232656	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m		1
★ 232657	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 55m		1
With FC/PC connectors			
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
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m		1
Adapter cords			
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
★ 232625	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC"- "SC/PC" 0.4m		1
ACCESSORIES			
Adapters			
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
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
Dispensers			
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)		1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)		1
Fixing			
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black	●	1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black	●	1

F.O. CABLES

Fiber's tight buffer Ø 250µm



▲ 48 Fibers (231714)



▲ 24 Fibers (231614)



▲ 16 Fibers (231414)



▲ 4 Fibers - Indoor (231911)

Fiber's tight buffer Ø 900µm



▲ 2 Fibers - Indoor (231901 / 231902)



▲ 2 Fibers - Outdoor (232001 / 232002)



▲ 232652



▲ 232611



▲ 200101



▲ 200102

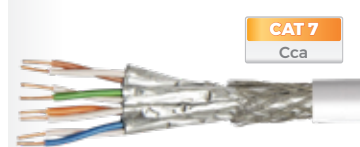
Ref.	Description	
OPTICAL DISTRIBUTION		
OUTLETS/KEYSTONES		
★ 233230	Keystone Module for F.O. Adapter "SC / APC" Female, Plastic Box	25
★ 233231	F.O. Outlet: Keystone Module with Adapter "SC / APC" Female, Plastic Box	20
★ 233240	F.O. Outlet Kit: Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 10m	1
★ 233241	F.O. Outlet Kit: Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 15m	1
Ref.	Description	
CABLES AND PATCH-CORDS		
CATEGORY 7		
Copper (Cu)		
219101	Data Cable DK7000 S/FTP Cat 7 Cca Cu LSFH Ø 7,4mm White	305
CATEGORY 6A		
Copper (Cu)		
219301	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White	305
★ 219302	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White	500
CATEGORY 6		
Copper (Cu)		
212101	Data Cable DK6000 F/UTP Cat 6 Dca Cu LSFH Ø 7,2mm Violet	500
212201	Data Cable DK6000 U/UTP Cat 6 Fca Cu PE Ø 6,2mm White	305
2123	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet	305
212302	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet	1000
212305	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm White	500
212310	Data Cable DK6000 U/UTP Cat 6 Eca Cu LSFH Ø 6,0mm Violet	305
2199	Data Cable DK6000 U/UTP Cat 6 Eca Cu PVC Ø 6,2mm White	305
CATEGORY 5E		
Copper (Cu)		
219502	Data Cable DK5000E F/UTP Cat 5E Eca Cu LSFH Ø 6,3mm Grey	305
219602	Data Cable DK5000E U/UTP Cat 5E Eca Cu LSFH Ø 5,5mm Grey	305
219701	Data Cable DK5000E U/UTP Cat 5E Fca Cu PE Ø 5,5mm Black	305
PATCH-CORDS		
Category 6A		
★ 209102	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey (Bag B0)	1
★ 209103	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey (Bag B0)	1
★ 209104	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey (Bag B0)	1
★ 209105	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey (Bag B0)	1
Category 6		
★ 209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)	1
★ 209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)	1
★ 209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)	1
★ 209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)	1
★ 209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)	1
★ 209011	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White	10
★ 209012	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White	10
★ 209013	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White	10
★ 209014	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White	10
★ 209015	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White	10
★ 209016	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 7m White	10
★ 209017	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 10m White	10
★ 209018	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 20m White	10
ACCESSORIES		
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black	1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black	1



▲ 233230



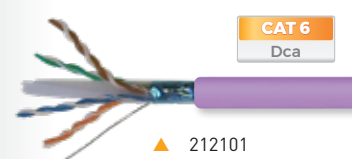
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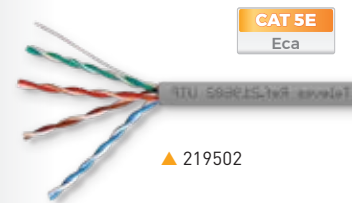
▲ 219101



▲ 219301



▲ 212101



▲ 219502



▲ 209018

Ref.	Description	
CONNECTORS		
CATEGORY 6A		
★ 209921	Data Connector RJ45 UTP Cat 6A Female, Plastic Box	10
★ 209923	Data Connector RJ45 FTP Cat 6A Female, Plastic Box	10
CATEGORY 6		
209901	Data Connector RJ45 UTP Cat 6 Female 90°/180°, Plastic Box	10
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box	50
★ 209903	Data Connector RJ45 FTP Cat 6 Female, Plastic Box	10
★ 209904	Data Connector RJ45 FTP Cat 6 Male, Plastic Box	50
★ 209961	Data Connector RJ45 UTP Cat 6 Male with White Sleeve, Plastic Box	○ 25
★ 209962	Data Connector RJ45 UTP Cat 6 Male with Grey Sleeve, Plastic Box	● 25
TOOLS		
209801	Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors	1
★ 209811	Termination Tool for RJ45 Cat 6 Female Connectors	1
KITS		
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

Ref.	Description	
DATA DISTRIBUTION		
OUTLETS/ROSETTES		
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5
CABLES		
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	● 8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	● 10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	● 10
★ 494504	HDMI Cable Male-Male 1.5m Black	● 100
494505	HDMI Cable Male-Male 1.5m Black (Bag)	● 100



▲ 209921



▲ 209923



▲ 209904



▲ 209902



▲ 209401



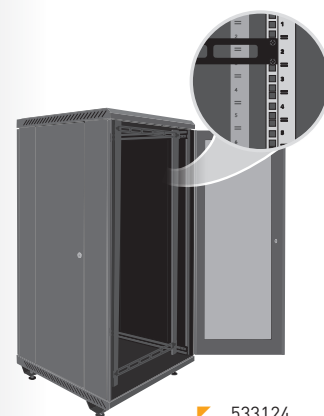
▲ 494504



▲ 209910

Ref.	Description	
19" RACKS		
RACKS		
★ 533105	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
★ 533107	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
★ 533112	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)[Disassembled]	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x870x400mm. Wall/Ground Mount (2x1RU cable panels included)	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x1200x400mm. Ground Mount (2x1RU cable panels included)	1
★ 533141	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount (Disassembled)	1
★ 533142	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount	1
PATCH PANELS AND TRAYS		
★ 533001	Power Distribution Unit 8 Schuko Outlets 16A for Rack 19" 1RU, Black	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533153	T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
★ 533158	Cable Management for Rack 19" 1RU, 5 Rings	1
★ 533159	Cable Management for Rack 19" 1RU, 1 Hole with Brush Strip	1
533161	Blank Panel for Rack 19" 1RU	1
★ 533162	Blank Panel for Rack 19" 2RU	1
533163	Blank Panel for Rack 19" 3RU	1
533165	Blank Panel for Rack 19" 5RU	1
ACCESSORIES		
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units)	1

Ref.	Description	
HEADEND CABINETS		
CABINETS		
5750	Cabinet for Headend Amplifier 440x440x140mm	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
PERFORATED PLATES		
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



▲ 533124



▲ 533001



▲ 533106



▲ 533153



▲ 589303



▲ 533105

▲ 533107

▲ 533112



In case of references that are supplied disassembled

Ref.	Description	
ENCLOSURES		
ENCLOSURES		
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)	1
231310	Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)	1
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
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 with Flexible Front Frame	1
★ 546702	Data/Coaxial/Fibre Network Terminal Enclosure	1
ACCESSORIES		
546620	Coaxial Adapter Support "F" Female - "F" Female, for Panels (Refs. 546602 and 546610)	1

Ref.	Description	
PATCH BOXES		
OPTICAL FIBRE (ITU-T G657A2 SINGLE-MODE)		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	1
231520	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231521	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231522	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231523	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231524	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231525	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231526	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231530	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231531	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231532	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231533	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231534	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231535	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
231536	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included)	1
COPPER SOLUTIONS		
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5
546501	Passive Multiplexer "RJ45" 1 Male - 9 Females, with 0.2m LSFH Lead	1
★ 768101	Ethernet Switch L2, Unmanagable: 8x 10/100 Mbps Ethernet	1
★ 768111	Ethernet Switch L2, Unmanagable: 8x 10/100/1000 Mbps Ethernet	1



▲ 231302



▲ 231310



▲ 546702



▲ 231502



▲ 546501

Ref.	Description	
OPTICAL FIBRE		
FUSION KITS		
Electric arc splice		
232105	F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Accessories for fusioning Connectors + Spare set of electrodes + Tweezers + Carrying Case	1
Mechanical splice		
2341	F.O Kit: Connector & Mechanical Splice + Stripper (Ref. 2324) + Cleaver (Ref. 232301) + Cleaning Tools	1
SIGNAL GENERATORS		
2340	OPS3L Triple Light Source (1310, 1490 & 1550nm)	1
TOOLS		
2322	Fiber Mechanical Splicer	1
232301	Cleaver of Fiber Optics	1
232310	Kevlar Scissors for Optical Fibers	1
2324	Precision Stripper for Optical Fibers	1
2325	Stripper for Multi-fiber Cables	1
ACCESSORIES		
2327	Splicing Protection Sleeve 60mm for F0 fusion	200
232701	Splicing Protection Sleeve 43mm for F0 fusion	200
232710	F.O. Cleanning Kit: 50 isopropyl alcohol Wipes + 25 Sticks	1
2328	Fiber Mechanical Splices	10
2329	Connectors of Fiber Optics "SC/APC" (with mounting tool)	10
232910	Cleaner for Fiber Optic Connectors	1

Ref.	Description	
FIELD STRENGTH METERS		
MOSAIQ6		
Meters		
596101	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Bag included)	1
596102	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Case included)	1
★ 596105	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
596111	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)	1
596112	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (Carrying Case included)	1
★ 596115	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, Selective F.O. Interface (CWDM Filter), WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
Options		
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	1
596205	Option 4K - Ultra High Definition (UHD)	1
Accessories		
596210	Stand-alone, field replaceable battery	1
596211	Carrying Bag	1
596212	Adapter "N" Male - "F" Female	1
596213	Screen Protector	1
596214	Carrying Case	1



▲ 232105



▲ 596105



▲ 596211



▲ 596213



▲ 596214

HOSPITALITY

DISCOVER HOW OUR SOLUTIONS FOR HOSPITALITY
HELP YOU SET UP YOUR RESPONSE TO COVID19 PROTOCOL

In order to protect ourselves from covid19, we must reduce physical contact between customers and staff or hotel objects, but we also need to keep a good communication at all times.

Provide a safe environment, maintaining a good customer experience and without giving up any service.

**100% COMMUNICATION
0% CONTACT**



INTERACTIVE TV

**TURN THE TV IN YOUR ROOMS
INTO A GUEST DASHBOARD**

MESSAGES

Send personalised or general messages to the guests

HOTEL INFORMATION

A 100% informed guest:
timetables, activities,
restaurant menus...

EXPRESS CHECKOUT

Reduction of physical contact with reception desk



BOOKING & SHOPPING

Online shopping services available

CONNECT MY DEVICE

The mobile device becomes the remote control for interactive television

CASTING

Guests enjoy privately the contents of their device on TV

NOTICES

Relevant information can be displayed on one or all rooms (scrolling text)

ADDITIONALLY...

DIGITAL SIGNAGE

KEEP YOUR GUESTS INFORMED
AT ALL TIMES
WITH DYNAMIC INFORMATION POINTS

UPDATED INFORMATION...

Remote and centralised content management:
indications, events, signage...
EVEN CORPORATIVE CHANNEL!



...IN ALL ROOMS

Publications in specific totems or screens,
placed in common areas: reception, pool,
restaurants...

HOSPITALITY
FIBREDATA SERIES (GPON)

Ref.	Description	
GPON HEADENDS		
OLT MODULES		
769401	OLT512: 8x PON + 4x Gb Ethernet + 4x 10GbEthernet/Gb Ethernet (Up to 512 users) AC/DC Adapter included	1
769420	Modular OLT3072, for 3 16xPON cards and 2 2x10Gb switch cards, (Up to 3072 users) AC/DC Adapter included	1
769421	2x10Gb Switch Card (for OLT3072, Ref. 769420)	1
769422	16xPON Card (for OLT3072, Ref. 769420)	1
POWER SUPPLY UNIT		
769601	Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
MEDIA CONVERTERS (SFP)		
769410	SFP Module GPON B+ 1 Fiber "SC/PC"	1
769411	SFP Module Gb Ethernet "RJ45"	1
769412	SFP Module 10Gb Ethernet 2 Fibers "LC Duplex"	1
769413	SFP Module GPON C+ 1 Fiber "SC/PC"	1

Ref.	Description	
GPON MONITORING		
769130	Server + Monitoring Software Tool + Licences	1
769131	Monitoring Software Tool + Licences	1
★ 769132	Lite Server + Monitoring Software Tool + Licences (up to 128 devices)	1

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
★ 769112	Network Manager: Hotspot, 4x Gb Ethernet	1
769120	Router 12x Gb Ethernet + Configuration of services 19" Rack Mount, 1RU	1
SWITCHES		
769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE, 130W) + 2x SFP (1 Gbps)	1
769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE, 370W) + 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



▲ 769132

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.



▲ 769421



▲ 769422



▲ 769601



▲ 769412



▲ 769110



▲ 769111

HOSPITALITY
FIBREDATA SERIES (GPON)

Ref.	Description	
VIDEO OVERLAY HEADENDS		
OPTICAL TRANSMITTERS		
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
AMPLIFIERS / MULTIPLEXERS		
234220	T.OX Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology)	1
234221	T.OX Optical Amplifier / Multiplexer "SC/APC" 19dBm (EDFA Tecnology) 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
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
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm 19" Rack Mount, 2RU	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
★ 769620	Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology) 19" Rack Mount, 1RU	1
★ 769622	Optical Amplifier 1i/8o: 1550nm "SC/APC" 10dBm (EDFA Technology) 19" Rack Mount, 1RU	1
★ 769623	Optical Amplifier 1i/8o: 1550nm "SC/APC" 20dBm (YEDFA Technology) 19" Rack Mount, 1RU	1
★ 769630	Optical Amplifier / Multiplexer "SC/APC" 20dBm (EDFA Technology) 2i:1x1310/1490nm - 1x1550nm, 1o:1310/1490/1550nm 19" Rack Mount, 1RU	1
★ 769631	Optical Amplifier / Multiplexer "SC/APC" 14dBm (EDFA Technology) 5i:4x1310/1490nm - 1x1550nm, 4o:1310/1490/1550nm 19" Rack Mount, 1RU	1
★ 769632	Optical Amplifier / Multiplexer "SC/APC" 10dBm (EDFA Technology) 9i:8x1310/1490nm - 1x1550nm, 8o:1310/1490/1550nm 19" Rack Mount, 1RU	1
POWER SUPPLY UNIT		
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
OPTICAL 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 1200...1600nm "SC/APC" 16W 14dB	1
234601	T.OX Optical Splitter 1200...1600nm "SC/APC" 32W 17dB	1



▲ 234305



▲ 769801



▲ 234228



▲ 769612



▲ 2337



▲ 234401

HOSPITALITY FIBREDATA SERIES (GPON)

Ref.	Description	
DISTRIBUTION		
OPTICAL ATTENUATORS		
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
OPTICAL SPLITTERS (PLC)		
233750	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 2W 4dB	1
233850	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 64W 20dB	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
ACCESSORIES		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"- "SC/PC" 0.2m	5
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"- "FC/UPC" 2m (Bag B4)	10
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	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



▲ 236410



▲ 234650



▲ 231111



▲ 232624



▲ 237330

Ref.	Description	
SUBSCRIBER EQUIPMENT		
ONT/ONU		
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
769507	Basic ONU Module: 1x GB Ethernet	1
769509	Room ONT Module: 4x GB Ethernet/ PoE (25.5W) + 2x FXS, RF Overlay	1
769514	Home AC ONT Module: 4x GB Ethernet + 2x FXS + 1x USB, WLAN b/g/n/ac, RF Overlay	1
★ 769520	SPF ONU Module: GPON	1
OPTICAL MICRO-RECEIVER		
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	1
★ 237330	Optical Receiver / Demultiplexer "SC/APC" [-5...+2dBm] 1i: 1310/1490/1550nm(GPON/TV), 2o: 1310/1490nm(GPON) - RF(1TV: Terr./Sat) Vo 58/49dBuV	1



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

HOSPITALITY
WIFI ACCESS POINTS

Ref.	Description	
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
★ 769030	WaveBox device: Managing and monitoring the WaveData network	1
★ 769212	Kit: 2 SFP Modules 1000Base-X 1 Fibre, 1310+1490nm	1

DATA OVER CABLE SYSTEM

Ref.	Description	
COAXDATA SERIES (HOMEPLUG AV)		
GIGABIT 1GBPS		
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
769301	Transmitter/Receiver Router 1Gbps-HDTV Data over Coaxial, PLC and WiFi (Low Power WiFi option), 3 Ethernet Connectors & 2 "F" Connectors	1
MANAGEMENT		
769330	CoaxBox device: Managing and monitoring the CoaxCata network	1
ACCESSORIES		
640301	Wall Mount	1
769210	Module SFP 1000Base-X 2 Fibres "LC Duplex"	1
769220	Diplexer Filter 2i/1o "F": LPF(2...68MHz) - HPF(87...2150MHz)	1/10

Ref.	Description	
DOCSIS		
CMTS		
★ 766001	CMTS: Upstream 320Mbps / Downstream 2Gbps DOCSIS 2.0/3.0 compatible 19" Rack Mount, 1RU	1
CABLE MODEMS		
★ 766010	Data Cable Modem DOCSIS 3.0 8x4 Channel Bonding Upstream: 5...65MHz 100 Mbps / Downstream: 88...1002MHz 400 Mbps	1



▲ 640301



▲ 769210



▲ 769220

☰ **WAVEDATA SERIES**



▶ 76900x

WIRELESS ACCESS POINT

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 Televés, which enables its configuration in low-power mode (Low Power) and provides the most efficient, secure and responsible Internet access possible.



▲ 769030



▲ 769203



▲ 769301

Ref.	Description	
IPTV HEADENDS		
T.OX SERIES		
Streamers		
565701	T.OX Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams	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
565801	T.OX Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders(2Sat) or 3 Transponders(1Sat+LoopThru) : 32 IP Streams	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
Encoders		
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
★ 831816	Kit T.OX Corporate Channel: Nemesis DS Player + T.OX HDMI-IP Encoder (ref. 831815 + 563852)	1
Auxiliary Equipment		
★ 216802	Kit: OTG USB - microUSB B Cable & WiFi Adapter. Utilities: Streamers T.OX WiFi Control	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
5629	T.OX Switch-mode Power Supply Unit 120W 24V-5A	1
COMPACT HE-21 IPTV HEADEND		
HE-21 Chassis		
831010	4U Chassis	1
831011	4U Chassis with Redundant Power Supply	1
831012	1U Chassis	1
Input Modules		
831110	DVB-S/S2 Dual Input	1
831111	DVB-S/S2 Quad Input	1
831114	DVB-T/T2 Quad Input	1
831115	DVB-T/T2 Dual Input	1
831118	DVB-IP Input	1
831121	ATSC Quad Input	1
831122	HDMI Input QUAD	1
831123	DVB-S/S2/T/T2/C/ISDB-T Dual Input with Dual CI	1
831124	SDI Input QUAD	1
Optional Items		
831119	Corporate Channel License	1



▲ 563852



▲ 5301



▲ 831111



▲ 831122



▲ 831124

T.OX IP STREAMERS



▲ 565801 ▲ 565701

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.

HE-21 IPTV 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)

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, Samsung and Philips 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 ArantiaCast (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	
ITV HEADEND (INTERACTIVE TELEVISION)		
MIDDLEWARE		
83031801	Arantia TV Middleware up to 50 Users	1
83032003	Arantia TV Middleware up to 100 Users	1
83032004	Arantia TV Middleware Marriott up to 100 Users	1
83032103	Arantia TV Middleware from 101 to 499 Users	1
83032104	Arantia TV Middleware Marriott from 101 to 499 Users	1
83032203	Arantia TV Middleware from 500 to 750 Users	1
83032204	Arantia TV Middleware Marriott from 500 to 750 Users	1
83032303	Arantia TV Middleware from 751 to 1000 Users	1
83032304	Arantia TV Middleware Marriott from 751 to 1000 Users	1
83032403	Arantia TV Middleware from 1001 to 2200 Users	1
83032503	Arantia TV Middleware Lite up to 1000 Users	1
LICENCES		
830319	Arantia TV Set-Top Box License	1
★ 830510	Arantia TV Compatible Television License (LG, Samsung, Philips)	1
VOD SERVERS		
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
CONNECT MYDEVICE		
100003	ArantiaTV Application - Connect My Device	1



▲ 83031801



▲ 83032003



▲ 830319



▲ 830311

ARANTIA TV APPLICATION

Connect My Device is an advanced mobile application that the guest can use in order to connect to the room television through the hotel Wi-Fi network.

Available for iOS and Android, Arantia TV application allows an easily interactive television operation from your mobile device.



▲ 100003

Ref.	Description	
ITV PERSONALIZATION		
PERSONALIZATION ITEMS AND ADDITIONAL OPTIONS		
★ 830110	Alarm Monitor Device	1
830501	Property Management System Interface - Micros®-Fidelio's Opera system	1
830502	Arantia TV User Interface Customization	1
830506	TV NO/NC Alarm System Integration	1
★ 830508	Property Management System Interface - Char system	1
★ 830509	Property Management System Interface - Char License for Room	1
★ 980103	Arantia TV User Interface Customization (1 hour)	1
ITV ROOM EQUIPMENT		
SET-TOP BOX		
830108	Nemesis V2 Set-Top Box	1
★ 830130	Nemesis V2 Kit: Set-Top Box + IR/RF Remote Control + Power Supply	1
ACCESSORIES		
830207	LG/Samsung Remote Control	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
★ 830221	Wall Mount for Nemesis V2 Set-Top Box	1
831504	CAT6 UTP Cable 1m	1
ITV ACCESSORIES		
RACKS AND ACCESSORIES		
831301	19" Rack 27U (Mounted & Adjusted)	1
831302	19" Rack 37U (Mounted & Adjusted)	1
831303	19" Rack 42U (Mounted & Adjusted)	1
831304	19" Rack 22U (Mounted & Adjusted)	1
831311	Rack Rails for HE-21	1
★ 831930	Set up and Adjustment for GPON headend (FibreData) in 19" Rack (Ref. 83130x)	1
ROUTER AND UPS		
831404	VPN Router	1
831701	Uninterruptible Power Supply (UPS)	1
SWITCHES		
831401	Ethernet Switch L3 IPTV: 24x Gb Ethernet + 4x SFP+ (10Gbps), more than 400 viewing points (ArantiaTV configuration included)	1
831402	Ethernet Switch L2 IPTV: 24x Fast Ethernet + 4x SFP (1Gbps)	1
831403	Ethernet Switch L2 IPTV: 48x Fast Ethernet + 4x SFP (1Gbps)	1
831406	Ethernet Switch L2+ IPTV: 24x Gb Ethernet + 4x SFP+ (10Gbps), up to 400 viewing points (ArantiaTV configuration included)	1
★ 831426	Ethernet Switch L2+ IPTV: 24x Gb Ethernet + 4x SFP (1Gbps), up to 80 viewing points (ArantiaTV configuration included)	1
TRANSCEIVERS		
831503	Transceiver 1000SX SFP LC MMF (Multi-Mode Fiber)	1
831505	Transceiver 1000T SFP RJ-45	1
831506	Transceiver 1000LX SFP LC SMF (Single-Mode Fiber)	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 decoding capabilities.
- Resolutions up to 4K UHD.
- Remote management and monitoring.
- Accessories: Power supply 10W (5V/2A) and remote control (Bluetooth and IR).

* AOSP: Android Open Source Project.

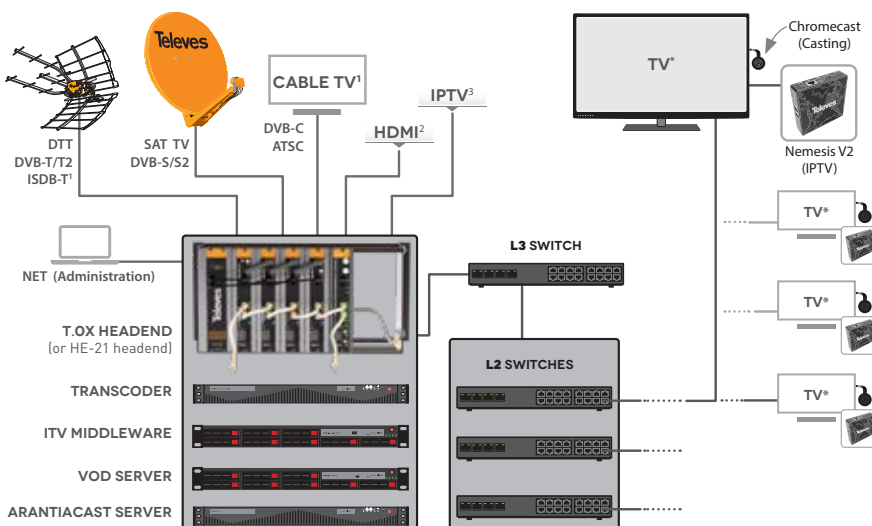


▲ 830130



▶ Rack 27U (Mounted and adjusted)

Arantia TV: Main System Components



This diagram includes the main System Architecture components.

Input systems such as the T.OX/HE-21 Headend, MDW Server, Multiscreen Transcoder..., the IP distribution network and the end user devices like the Nemesis V2 STB's, TV's and players for IPTV reception, digital signage with Arantia DS or advanced interactive services with Arantia TV.

1. DVB-C/ATSC/ISDB-T only available with HE-21 headend
2. The HDMI input allows the inclusion in the system of audio and video streams from HDMI sources such as encoders, PCs, and others.
3. The IPTV input allows the reception of MPTS from an IPTV operator (HE-21 only)

Compatible TVs:



ARANTIA CAST



Over 2000 apps available

(chromecast.com/apps)

ArantiaCast solution powered by 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 2,000 applications available for Casting (Netflix, HBO, Youtube, etc.)
- Multiple mobile devices can be connected to the same room's Chromecast.

Ref.	Description	
ARANTIACAST		
ARANTIACAST SERVER		
831410	ArantiaCast Server	1
CHROMECAST DEVICE		
831411	Arantiacast Kit: Pre-configured Chromecast + antitheft box and cable	1
★ 831412	License for ChromeCast device	1
★ 831414	ArantiaCast Server SW Warranty Extension (annual per Chromecast device)	1



▲ 831410



▲ 831411

Ref.	Description	
DIGITAL SIGNAGE CLOUD		
DS PLAYERS		
831801	DS Totem with Vertical Display	1
831806	LG WebOS DS Player License	1
831811	DS SYNC Annual License	1
831812	Nemesis DS Player	1
★ 831815	Nemesis DS Player - T.OX 19" Rack Mounting	1
★ 831830	Nemesis DS Player Wi-Fi (EU PSU included)	1
ACCESSORIES		
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit for STB (EU plug)	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1
LOCAL DIGITAL SIGNAGE		
DS SERVER		
831805	Arantia DS Server up to 150 Users	1
★ 831807	DS Server up to 25 Users	1
DS PLAYERS		
831801	DS Totem with Vertical Display	1
831806	LG WebOS DS Player License	1
831812	Nemesis DS Player	1
★ 831815	Nemesis DS Player - T.OX 19" Rack Mounting	1
★ 831830	Nemesis DS Player Wi-Fi (EU PSU included)	1
ACCESSORIES		
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit for STB (EU plug)	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1



▲ 831801

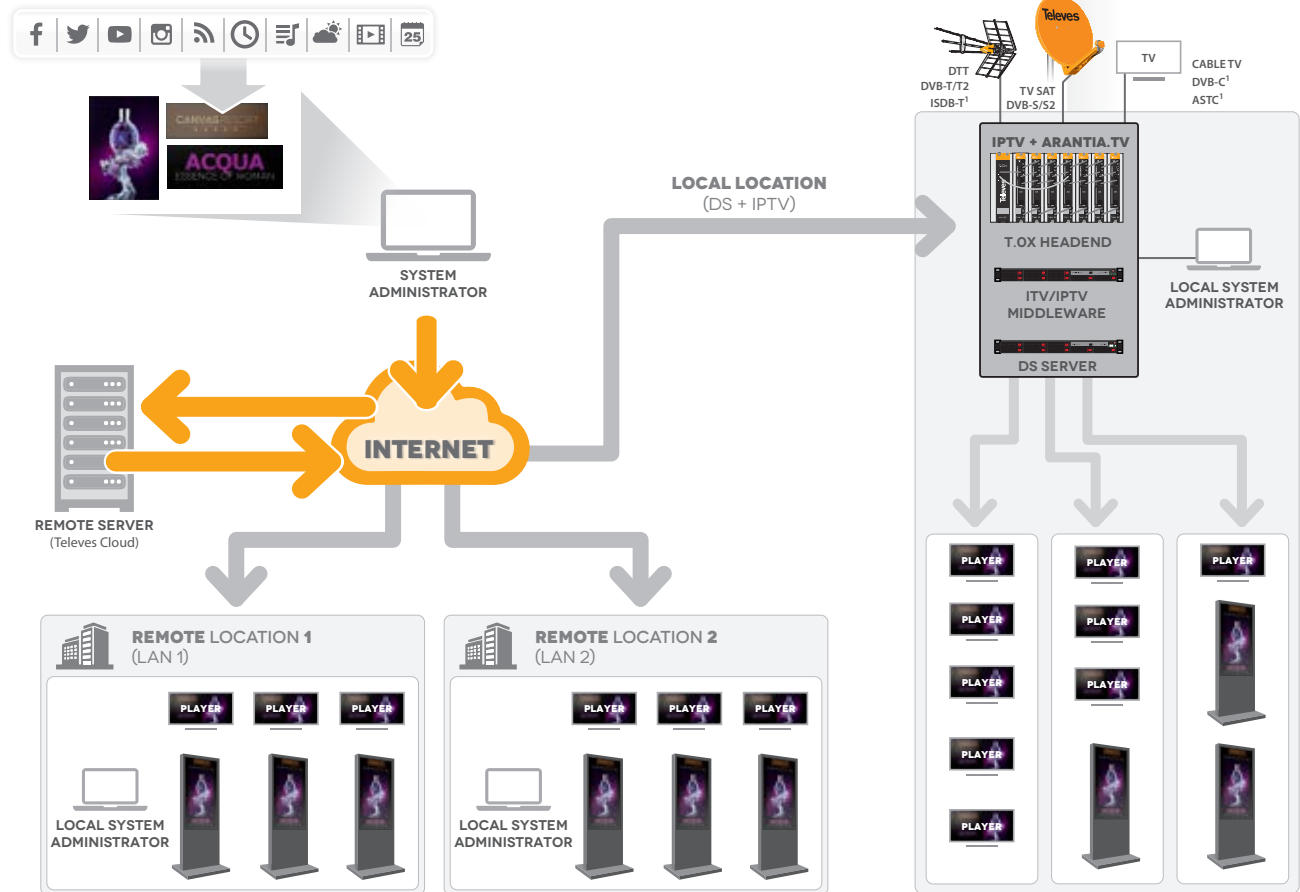


▲ 831830



▲ 831805

Arantia DS: Cloud based & in-house Server based operation modes



(1) DVB-C / ATSC / ISDB-T only with HE-21 headend

HOSPITALITY
EXPAND TV

Ref.	Description	
TRANSCODER		
832201	Transcoder/Streamer Live	1
832204	Transcoder/Streamer Live Plus	1

TELEPHONY (VOIP)

Ref.	Description	
IP PBX		
★ 770146	VOIP PBX Phone System (up to 50 simultaneous calls)	1
★ 770147	VOIP PBX Phone System (up to 200 simultaneous calls)	1

Ref.	Description	
GATEWAYS		
★ 770401	RDSI Gateway with 2 BRI ports (4 channels) and 2 10/100 Base-T Ethernet ports	1
★ 770402	RDSI Gateway with 4 BRI ports (8 channels) and 2 10/100 Base-T Ethernet ports	1

Ref.	Description	
SUBSCRIBER EQUIPMENT		
ONT		
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
769509	Room ONT Module: 4x GB Ethernet/ PoE (25.5W) + 2x FXS, RF Overlay	1
769514	Home AC ONT Module: 4x GB Ethernet + 2x FXS + 1x USB, WLAN b/g/n/ac, RF Overlay	1

Ref.	Description	
TERMINALS		
IP		
★ 770101	Wi-Fi Terminal with dual-band Wi-Fi support 802.11a/b/g/n, 2 SIP accounts, 2 lines, 2.4" colour LCD screen	1
★ 770110	IP Terminal with 1 SIP account, 3 XML keys, Backlit LCD screen, Black	1
★ 770120	PoE IP Terminal with 2 SIP accounts, 3 XML keys, Backlit LCD screen, Black	1
★ 770130	PoE Operator IP Terminal with 6 SIP accounts, 12 line keys, 5 XML keys, 4.3" colour LCD screen, Black	1
★ 770150	Extension Module for Operator IP Terminal with 20 programmable keys, 2 navigation keys, LCD screen, Black	1
ANALOGUES		
★ 770301	Analogue Terminal with 4 direct keys for one touch connection, Black	● 1
★ 770302	Analogue Terminal with 4 direct keys for one touch connection, White	○ 1
★ 770303	Compact Analogue Terminal, Black	● 1
★ 770304	Compact Analogue Terminal, White	○ 1



▲ 832201



▲ 832204



▲ 770146



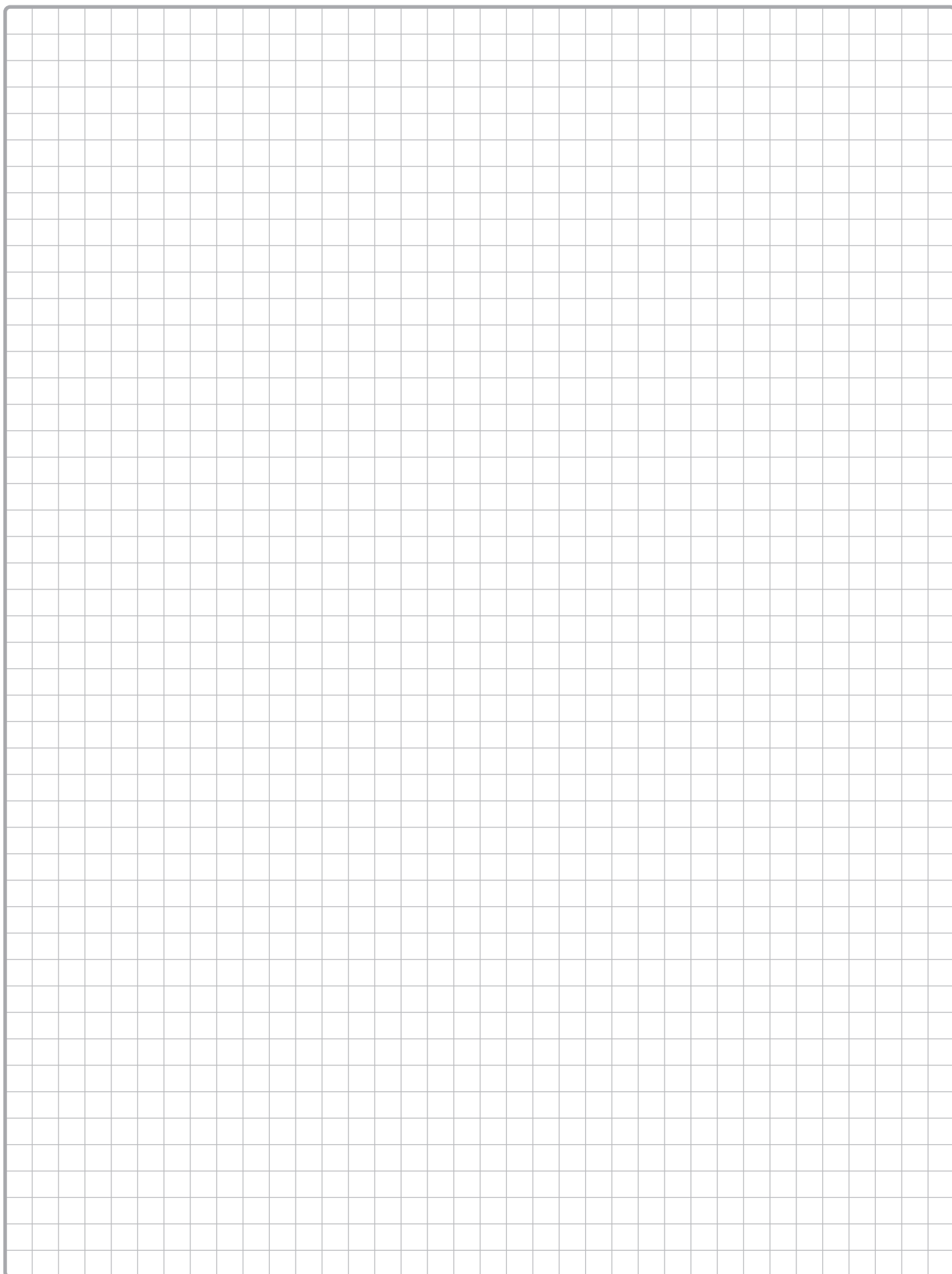
▲ 770147

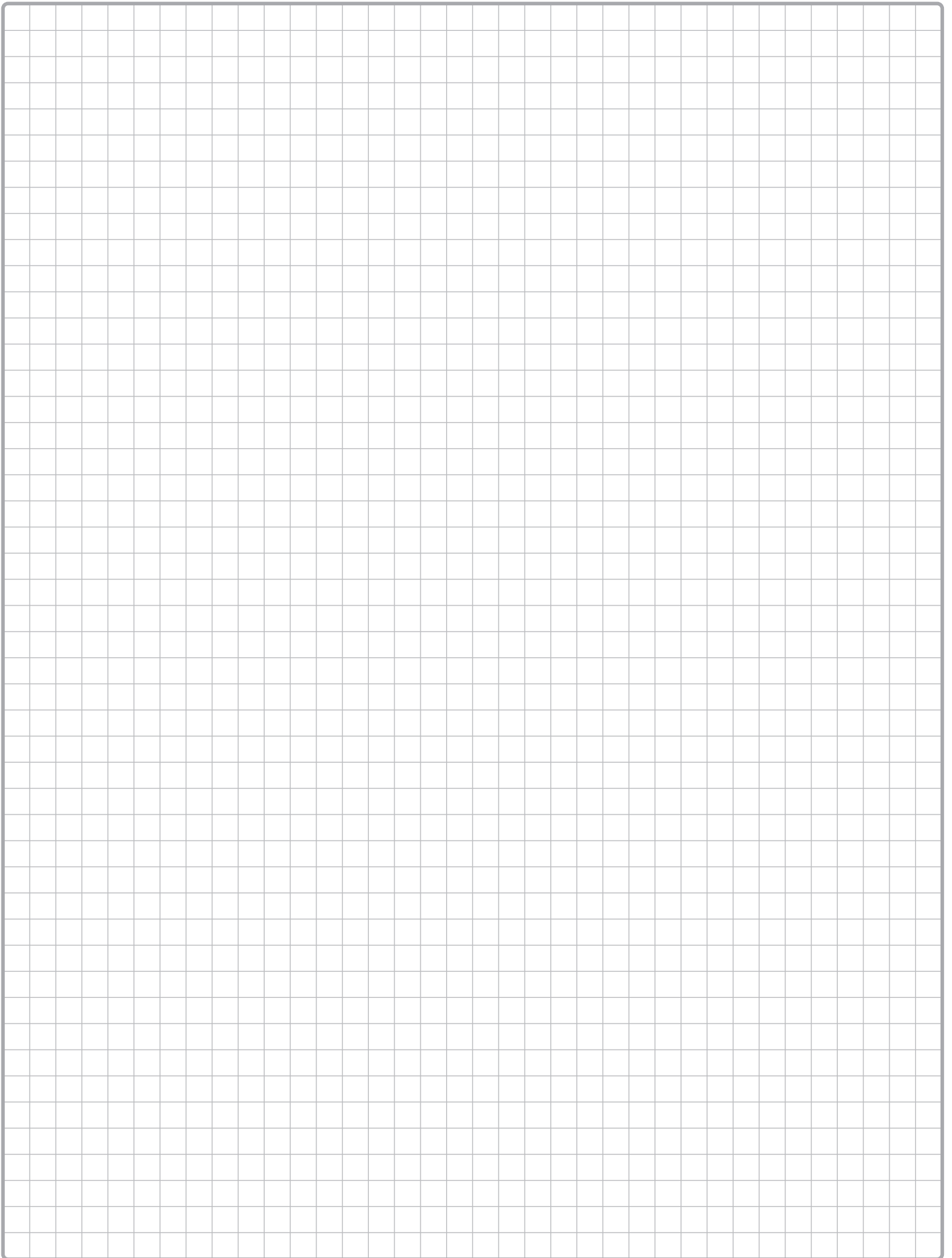


▲ 770120



▲ 770302





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