ME

TV DISTRIBUTION | DATACOM | HOSPITALITY

TELECOMMUNICATION INFRAESTRUCTURES

PRODUCT GUIDE 2025

Televes®

Turn your business' TV cable
into a high-speed network

COAXDATA SERIES
with G.hn. technology

No work. **Without halting commercial activity.**

The CoaxData series transforms your facility's existing coaxial cabling into a 1.7 Gbps Ethernet network, offering transmission rates comparable to fiber optics in installations with up to 64 connection points. **Modernise your business' connectivity offering, while keeping it up and running.**

1.7 Gbps	**64 network**	**0 Euro**	**0 days**	**100%**
network speed	connection points	investment in new cabling	of interruption of business activity	Designed, developed and manufactured by Televes

Televes®

INDEX

⭐ New

📦 Pack

RRP/(PC) Recommended Retail Price in USD per Piece

T·FORCE 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 color in product

🟠 Orange ⚫ Graphite 🟣 Magenta
⚪ White ⚫ Black ⚪ Beige
🔴 Red 🟣 Violet 🟢 Green
🔴 Red-brick 🔵 Blue 🌈 Several colors
⚪ Grey 🔵 Aqua blue

Packaging type for coaxial cable

✳️ Plastic ◎ Plastified coil
◎ Cardboard ⬛ Easy Box
◎ Wooden

Dimensions: xyz
(width x height x depth)

CONFIDENTIAL

CONSIDERATIONS

Televes 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 Televes 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.televes.com

T.0X series:

- In case of modules with CI, it is the responsibility of the concerned person to consult Televes 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 tower ranges:

Due to their assembly system, tower ranges 450/550 (systems with union nuts), 450XL (systems with security bolts) and 550ULTRA (system with plates) are not compatible with each other.

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

Compatibility of fiber optic patch cords and adapters:

- PC polish is compatible with PC and UPC polishes.
- APC polish is compatible with APC polishes.

Optical fiber cables:

References 231414, 231614 and 231714 are supplied by meter, per customer request.

Data cables:

Cables and patch cords with copper inner conductor are compatible with PoE/PoE+ (Power Over Ethernet) technology.

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)	T·FORCE LTE700	●	8
148922	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Multiple Packing)	T·FORCE LTE700	●	8
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-220mA, UK plug (Single Packing)	T·FORCE LTE700	●	1/4
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-200mA (Single Packing)	T·FORCE LTE700	●	1/4
Ellipse Mix				
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 34/38dBi BOSS ON PSU included 12V-200mA (Single Packing)	T·FORCE LTE700	●	1/4
148822	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 34/38dBi BOSS ON PSU included 12V-200mA (Multiple Packing)	T·FORCE LTE700	●	6
DAT SERIES				
DAT BOSS				
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	T·FORCE LTE700	●	1/5
149922	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Multiple packing)	T·FORCE LTE700	●	6
DAT BOSS LR				
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	T·FORCE 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)	T·FORCE 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)	T·FORCE LTE700	●	5
NOVA SERIES				
DINOVA BOSS				
144021	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON	T·FORCE LTE700	○	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	T·FORCE LTE700	○	1
144223	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON	T·FORCE 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)	T·FORCE LTE700	○	1
CAMPNOVA BOSS				
144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/20/30dBi BOSS ON (Kit with accessories)	T·FORCE 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)	T·FORCE LTE700	○	1
SMARTNOVA				
★ 144710	SMARTNOVA Terrestrial Antenna UHF (Ch21-48) G 50dBi (Kit with accessories)	LTE700	○	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.

T·FORCE TECHNOLOGY

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

▲ SMARTNOVA

Ask us about our KITS with antenna and PSU.

◤ DINOVA BOSS

◤ OMNINOVA BOSS

TV DISTRIBUTION
TERRESTRIAL ANTENNAS

Televes

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)	T·FORCE LTE700 ●	1/6
INNOVA BOSS			
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	T·FORCE 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)	T·FORCE LTE700 ●	1
MIRA BOSS			
130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	T·FORCE LTE700 ●	1/240
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)		1/8
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 + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	**AUTOLTE**	1/8
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
560521	PicoKom Domestic Amplifier 1i/1o ˝EasyF˝: 47...694MHz G 14/20dB Vo 102/105dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	**LTE700**	1/10
560522	PicoKom Domestic Amplifier 1i/2o ˝EasyF˝: 47...694MHz G 10/16dB Vo 98/101dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	**LTE700**	1/10
560523	PicoKom Domestic Amplifier 1i/(2o+TV) ˝EasyF˝: 47...694MHz G 10/16dB Vo 98/101dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	**LTE700**	1/10
560601	PicoKom Domestic Amplif. 1i/2o ˝EasyF˝: 47..694/950..2150MHz G 12/23dB Vo 110/106dBµV AGC +Preamplifier Powering 12V-150mA	**LTE700**	1/10
Accessories			
494702	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz		1

≡ **BEXIA**

360°

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.

360°

▲ INNOVA BOSS

▲ MIRA BOSS

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	DI NOVA	STATIC	Emblematic buildings, Facades, Balconies	▪ Low visual impact.
	CAMP NOVA	STATIC (Long term stay)	Caravans (Campings)	▪ Low visual impact. ▪ Mounting optimized to be installed in a caravan.
	OMNI NOVA	STATIC (Short term stay)	Caravans & Ships	▪ No need to be oriented.
	SMART NOVA	STATIC ENHANCED (Short term stay)	Caravans & Ships	▪ No need to be oriented. ▪ Automatic configuration. ▪ Inteliigent gain regulation.
📱)))	4G NOVA	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				
149321	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-48) G 8.5/15dBi (Single packing)	LTE700	●	1/6
149322	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-48) G 8.5/15dBi (Multiple packing)	LTE700	●	9
UHF				
Yagi antenna				
111942	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Single Packing)	LTE790	●	1/10
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 15dBi (Single packing)	LTE700	●	1/6
149222	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 15dBi (Multiple packing)	LTE700	●	9
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
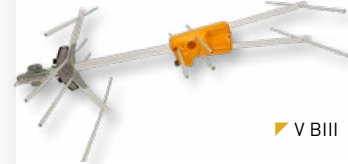
▸ V BIII

▸ Yagi Edge

▸ L 700

▲ V ZENIT

▲ V ZENIT MIX

▲ 4GNOVA

▲ 650302

TV DISTRIBUTION
SATELLITE DISHES

Ref.	Description	🎨	📦
ALUMINIUM OFFSET SATELLITE DISHES			
QSD SERIES			
QSD75			
7902	QSD High Quality Offset Dish 75 Aluminium G 38.5dBi (750x850mm) Orange	🟠	1
790204	QSD High Quality Offset Dish 75 Aluminium G 38.5dBi (750x850mm) White	⚪	1
QSD85			
7903	QSD High Quality Offset Dish 85 Aluminium G 39.5dBi (850x950mm) Orange	🟠	1
790304	QSD High Quality Offset Dish 85 Aluminium G 39.5dBi (850x950mm) White	⚪	1
ISD SERIES			
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
LARGE DISH SIZE			
1300			
757401	Offset Dish 1300 Aluminium G 42dBi White	⚪	1

Ref.	Description	🎨	📦
STEEL OFFSET SATELLITE DISHES			
LARGE DISH SIZE			
1000			
791690	Offset Dish 1000 Steel G 39.3dBi Orange (Multiple packing)	🟠	100
1100			
753422	Offset Dish 1100 Steel G 40.7dBi Grey (Multiple packing)	⚪	100
1300			
7575	Offset Dish 1300 Steel G 42dBi White (Multiple packing)	⚪	10

≡ QSD SERIES

The long life alluminium dish, quality signal reception for life.

TÜV approved (german certifying organization).

▲ 793011

▼ 757401

Compatibility between supports & dishes

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

Note: the "Dishes" header row spans two sub-columns under 45 (7349, 7371, 719202) and two sub-columns under 60 (7576, 719201).

TV DISTRIBUTION

SATELLITE DISHES

Ref.	Description		
LNB			
COAXIAL (RF)			
Universal			
4332	Offset LNB Twin (2 Outputs Hh/Vh/Hl/Vl) G 60dB (Blister T2)	●	1
4365	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB (Blister T1)	●	1/8
7475	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB	●	1/100
747701	Offset LNB Quattro Hh-Vh-Hl-Vl G 60dB	●	1/30
747802	Offset LNB Twin (2 Outputs Hh/Vh/Hl/Vl) G 60dB	●	1/30
761001	Offset LNB Quad (4 Outputs Hh/Vh/Hl/Vl) G 60dB	●	1/30
WideBand			
747402	WideBand LNB (2 Outputs H-V) G 57dB for Overlight solution	●	1/50
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
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 20º) + 1 LNB Support (Ref.790902)	1/10
790902	LNB Support for QSD Dishes	1/10
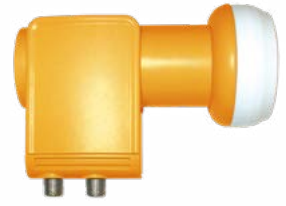
▲747402

LNB Wideband
It captures the entire frequency spectrum of a satellite and transmits it through two otputs (V-H) in a frequency range between 290 and 2340 MHz.

▲ 7475

▲ 747701

▲ 747802

▲ 761001

▲ 7485

▲ 7450

▲ 790902

▲ 790901

SAT 4
SAT 3
SAT 1
SAT 2
A

TV DISTRIBUTION
MECHANICAL ACCESSORIES

Televes
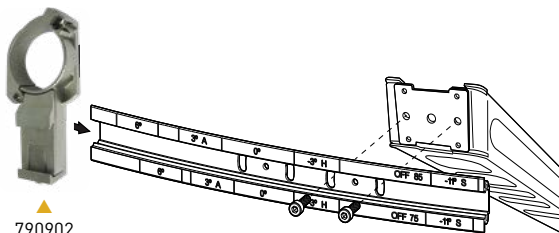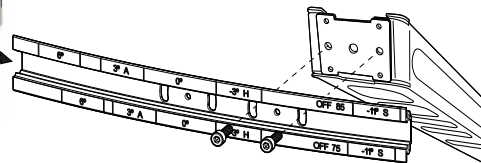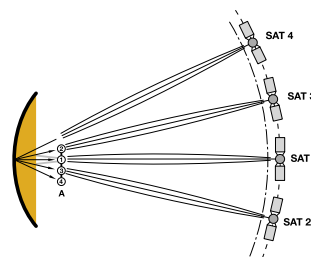
Ref.	Description		
MASTS			
SINGLE MOUNTING			
Hot-Dip Galvanizing			
301002	Mast HDG 3m x Ø 45mm x Thickness 2mm	⬤	4
301003	Mast HDG+Red 3m x Ø 45mm x Thickness 2mm	🔴	1
307502	Mast HDG+White 2m x Ø 45mm x Thickness 2mm	⚪	1
SCREW MOUNTING			
Zinc+RCP			
2407	Mast Zinc+RCP 1.5m x Ø 35mm x Thickness 1.5mm	⬤	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	⬤	1
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	🔴	1
Hot-Dip Galvanizing			
300810	Mast HDG 2.5m x Ø 35mm x Thickness 1.5mm	⬤	6
SWAGED			
Zinc+RCP			
3040	Swaged Mast Zinc+RCP1.5m x Ø 40mm x Thickness 1.25mm	⬤	6
3041	Swaged Mast Zinc+RCP 2m x Ø 40mm x Thickness 1.25mm	⬤	4
FIXING ACCESSORIES			
2047	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	⬤	1/10
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)	⬤	1

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

▲ 301002 ▲ 301003 ▲ 307502

▲ 3072 ▲ 3040

▲ 2047 ▲ 2413

▲ 2408 ▲ 4952

▲ 4361

▲ 2401

▲ 2404

▲ 2409

▲ 2410

▲ 2415

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TV DISTRIBUTION
MECHANICAL ACCESSORIES

Ref.	Description	🖌	📦
SUPPORTS FOR ANTENNAS			
"L" TYPE			
Zinc+RCP			
7349	"L" Bracket Zinc+RCP Wall Mount 380x350mm / Ø 45mm x Thickness 1.5mm	⬤	6
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)	10
4360	Opened Staple for Coaxial Cable (25 units) (Bag B1)	1/10
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

▲ 2117

▲ 2000

▲ 2011

Galvanized Supports

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

Wall mount   Ground mount
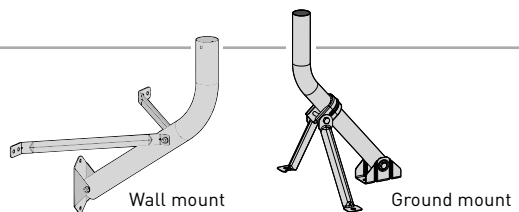
Galvanized steel wires (mm)
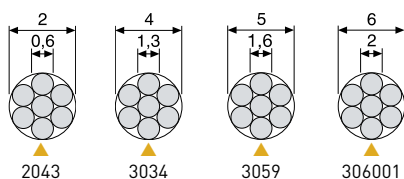
2	4	5	6
0,6	1,3	1,6	2
2043	3034	3059	306001

TV DISTRIBUTION
TOWERS

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 46mm)	●	1
3015	Upper Section 180 SE Tower Zinc+RCP 2.5m, with Wire Ring (mast Ømax 46mm)	●	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			
302102	Upper Section 180 Tower Zinc+White 1m (mast Ømax 46mm)	○	1
303102	Middle Section 180 Tower Zinc+White 3m	○	1
303202	Upper Section 180 Tower Zinc+White 3m (mast Ømax 46mm)	○	1
303702	Lower Section Pivoting 180 Tower Zinc+White 3m	○	1
Hot-Dip Galvanizing			
⭐ 302101	Upper Section 180 Tower HDG 1m (mast Ømax 46mm)	●	1
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
⭐ 303104	Middle Section 180 Tower HDG+Red 3m	🔴	1
303203	Upper Section 180 Tower HDG+White 3m (mast Ømax 46mm)	○	1
⭐ 303204	Upper Section 180 Tower HDG+Red 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 Ref. 3029) Base 180 Tower Zinc+RCP	●	1
303801	Fixed Bolting/Embedded (with frame Ref. 3029) Base 180 Tower HDG	●	1
303802	Fixed Bolting/Embedded (with frame Ref. 3029) Base 180 Tower Zinc+White	○	1
303803	Fixed Bolting/Embedded (with frame Ref. 3029) Base 180 Tower HDG+White	○	1
3048	Pivoting Embedded Base 180 Tower Zinc+ RCP	●	1
304801	Pivoting Embedded Base 180 Tower HDG	●	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

Televes
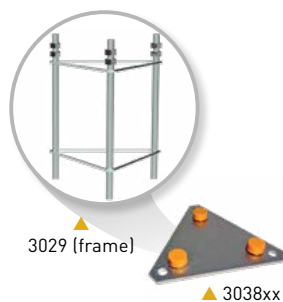
▲ Pack Tower (Ref. 306501)

Compatible with support Ref. 7349.

▲ 180 Sections

3029 (frame)

▲ 3038xx

◤ 3048xx

INOX316
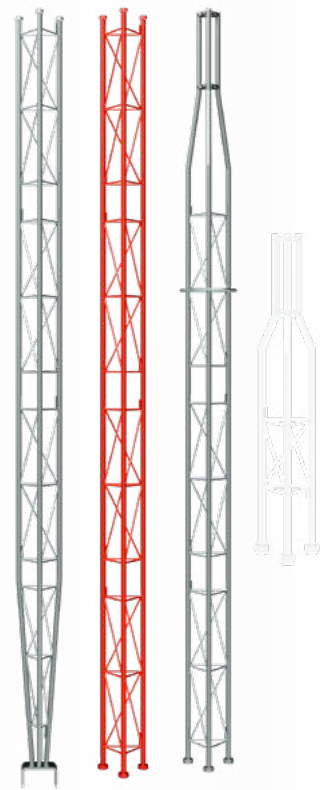
▲ Q1500 Tower (Stainless Steel)
(Ref. 3049 + Ref. 304910)

TV DISTRIBUTION
TOWERS

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
308001	Fixed Bolting Base 360 Tower HDG	⬤	1
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
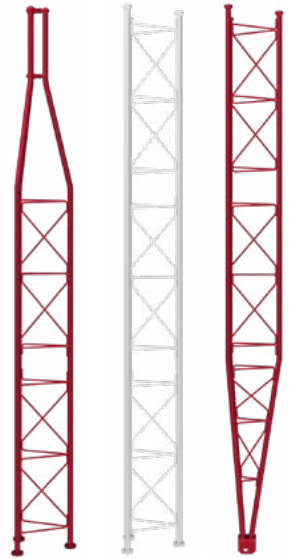
▲ 360 Section
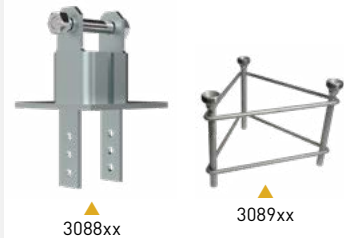
3088xx

3089xx

308001

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

TV DISTRIBUTION
TOWERS

Televes

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 450/550/450XL/550XL Tower for Pivoting Base Zinc+RCP 1x1m	●	1
312902	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base HDG 1x1m	●	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
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 450/550/450XL/550XL Tower for Pivoting Base Zinc+RCP 1x1m	●	1
312902	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base HDG 1x1m	●	1
3142	Pivoting Embedded/Bolting (with plate) Base 550 Tower Zinc+Red	●	1
314201	Pivoting Embedded/Bolting (with plate) Base 550/550XL 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
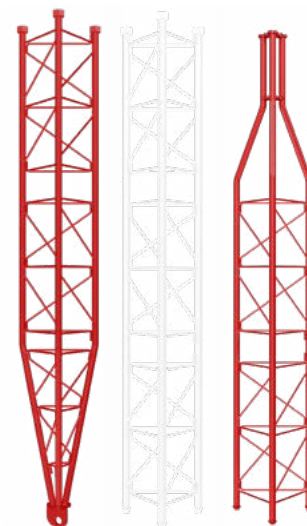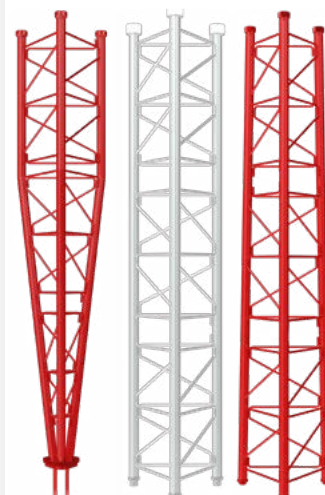
▲ 450 Section

▲ 550 Section
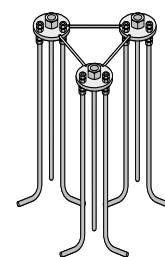
▲ 3135xx / 3143xx
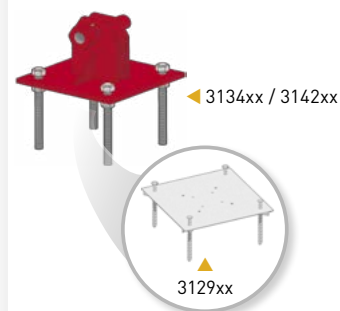
◀ 3134xx / 3142xx

▲ 3129xx

15

TV DISTRIBUTION
TOWERS

Ref.	Description	🖌	📦
WIND INDUSTRY			
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
313321	Upper Section 450XL Tower HDG+Red 1m (mast Ømax 62mm)	●	1
313331	Top Mast Holder 450XL Tower HDG+Red 0.5m (mast Ømax 62mm)	●	1
313341	Upper Section 450XL Tower HDG+Red 2m (mast Ømax 62mm)	●	1
Accessories			
312901	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base Zinc+RCP 1x1m	●	1
312902	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base HDG 1x1m	●	1
312911	Surface Plate 450XL/550XL/550ULTRA Tower for Pivoting Base HDG 1.5x1.5m	●	1
313412	Pivoting Embedded/Bolting (with plate) Base 450XL Tower HDG+Red	●	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1
314502	Buried Plate 450XL/550XL Tower with Guy Wire Ring HDG 1x1m	●	1
314512	Buried Plate 450XL/550XL Tower with Guy Wire Ring HDG 1.5x1.5m	●	1
314550	Climbing Protection Plate 450XL Tower HDG (3 units)	●	1
550 XL TOWER			
Hot-Dip Galvanizing + Painting			
313820	Upper Section 550XL Reinforced Tower HDG+Red 3m (mast Ømax 62mm)	●	1
313921	Lower Section Pivoting Reinforced 550XL Tower HDG+Red 3m	●	1
314020	Middle Section Reinforced 550XL Tower HDG+Red 3m	●	1
314021	Middle Section Reinforced 550XL Tower HDG+White 3m	○	1
Accessories			
312901	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base Zinc+RCP 1x1m	●	1
312902	Surface Plate 450/550/450XL/550XL Tower for Pivoting Base HDG 1x1m	●	1
312911	Surface Plate 450XL/550XL/550ULTRA Tower for Pivoting Base HDG 1.5x1.5m	●	1
314201	Pivoting Embedded/Bolting (with plate) Base 550/550XL Tower HDG+Red	●	1
3144	Guy Wire Ring 450/550 Tower Zinc+RCP	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1
314502	Buried Plate 450XL/550XL Tower with Guy Wire Ring HDG 1x1m	●	1
314512	Buried Plate 450XL/550XL Tower with Guy Wire Ring HDG 1.5x1.5m	●	1
550 ULTRA TOWER			
Hot-Dip Galvanizing + Painting			
313810	Top Mast Holder 550ULTRA Reinforced Tower HDG+Red 0.25m (mast Ømax 62mm)	●	1
313911	Lower Section Pivoting 550ULTRA Reinforced Tower HDG+Red 3m	●	1
314010	Middle Section 550ULTRA Reinforced Tower HDG+Red 3m	●	1
314011	Middle Section 550ULTRA Reinforced Tower HDG+White 3m	○	1
Accessories			
312911	Surface Plate 450XL/550XL/550ULTRA Tower for Pivoting Base HDG 1.5x1.5m	●	1
314210	Pivoting Embedded Base 550ULTRA Reinforced Tower HDG+Red	●	1
314401	Guy Wire Ring 450/550 Tower HDG	●	1
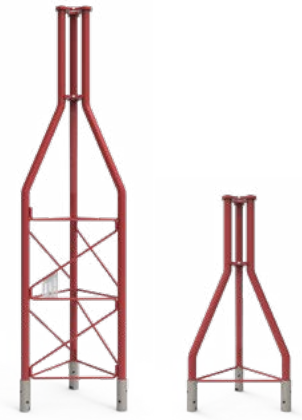
▲ 313341   ▲ 313321

▲ 313331
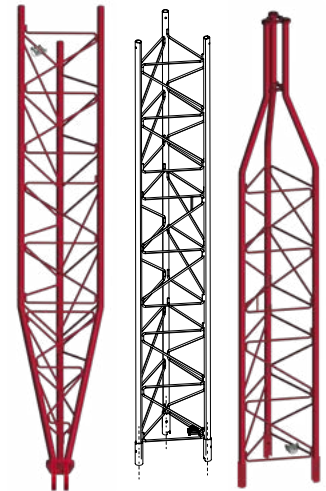
▲ 450XL/550XL Sections Reinforced

▲ 314550
(Tower not included)
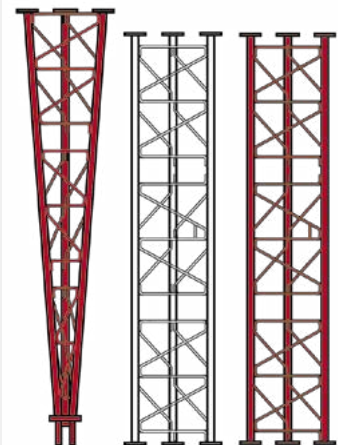
▲ 314512

▲ 550 ULTRA Sections - Reinforced

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description			
LTE FILTERS				
EASYF FORMAT				
405202	High Rejection LTE/5G Filter (HR) ¨EasyF¨ 47...694MHz VHF/UHF (Ch48) Outdoor	**LTE700**	●	1/10
405203	High Rejection LTE/5G Filter (HR) ¨EasyF¨ 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	**LTE700**	●	1/10
405220	Very High Rejection LTE/5G Filter (VHR) ¨EasyF¨ 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	**LTE700**	●	1/10
PLUG-IN FORMAT				
F connector				
403201	Medium Rejection LTE/5G Filter (MR) ¨F¨ 47...694MHz VHF/UHF (Ch48), Indoor (DC Pass)	**LTE700**		1/10/100
403220	High Rejection LTE/5G Filter (HR) ¨F¨ 47...694MHz VHF/UHF (Ch48) Indoor	**LTE700**		1/10/50
IEC connector				
403210	High Rejection LTE/5G Filter (HR) ¨IEC¨ 47...694MHz VHF/UHF (Ch48) Indoor	**LTE700**		1/10/50
ACCESSORIES				
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		●	1/5

Ref.	Description			
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**	●	1/10
SMATV (TERRESTRIAL + SATELLITE)				
4340	Combiner MATV-SAT 2i/1o ¨F¨: 47..790-950..2400MHz[dc] (Blister T1)	**LTE790**		1/6
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 ¨EasyF¨: 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

▲ 417801

▲ Mini-mixer (745220) 57 x 47 x 13 mm

▲ 404010

▲ 740710

▲ 745210

▲ 4163

LTE FILTERS

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

¨EasyF¨ model

Plug-in model (¨F¨ or ¨IEC¨ connection)

LTE 700 READY

LTE ADAPTATION,
All solutions for all cases

Televes

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description		
MAST AMPLIFIERS			
SMARTKOM: INTELLIGENT AMPLIFICATION			
531911	SmartKom Intelligent Mast Amplifier with Autoprogramming 4i/1o ̈EasyF ̈: 3x(VHF/UHF)[dc]-FMmix G 45-(-1)dB Vo 85dBµV. Domestic Power Supply 2i/1o ̈F ̈ 12V-800mA included, with Bluetooth® antenna	**LTE700** ◯	1
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
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 15/32/32/36dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	**LTE700** 🟡	1/5
535720	Mast Amplifier 3i/1o ̈EasyF ̈: FM-BIII/DAB-UHF[dc] G 15-32/32-36dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	**LTE700** 🟡	1/5
535820	Mast Amplifier 4i/1o ̈EasyF ̈: FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-36-36dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	**LTE700** 🟡	1/5
Low gain			
536022	Mast Amplifier 2i/1o ̈EasyF ̈: BIII/DAB/UHF[dc]-UHF[dc] G 26/26/28-28dB Vo 114 dBµV 12V Pow. (Switchable DC Pass)	**LTE700** 🟡	1/5
536023	Mast Amplifier 3i/1o ̈EasyF ̈: BIII/DAB-UHF-UHF[dc] G 26/26-28-28dB Vo 114 dBµV 12V Pow. (Switchable DC Pass)	**LTE700** 🟡	1/5
IF-MIX SERIES			
5354	Mast Amplifier 2i/4o ̈EasyF ̈: UHF/VHFmix[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
550210	Domestic Power Supply Unit 2i/1o ̈F ̈: 47...862/950...2150MHz 12V-800mA, with Bluetooth® (for SmartKom)	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)	1/8

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** 🟡	1/8
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** 🟡	1/8
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

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

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

☰ SMARTKOM

Dimensions:
134 x 125 x 41 mm

Compact and intelligent amplifier with digital channel processing that allows automatic programming and level adjustment simply by pressing a button.

- Filtering, mixing, amplification and level balancing in a single device
- High channel selectivity
- Remote powering throught its coaxial output connector *(domestic power supply unit included)*
- Manual configuration via Bluetooth with a smartphone (ASuite)

▲ Nanokom Series
90 × 80 × 38 mm

▲ Terrestrial Mast Amplifier
120 × 130 × 40 mm

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description		📦
DOMESTIC AMPLIFIERS			
PICOKOM SERIES			
MATV (terrestrial)			
560521	PicoKom Domestic Amplifier 1i/1o "EasyF": 47...694MHz G 14/20dB Vo 102/105dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	1/10
560522	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...694MHz G 10/16dB Vo 98/101dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	1/10
560523	PicoKom Domestic Amplifier 1i/(2o+TV) "EasyF": 47...694MHz G 10/16dB Vo 98/101dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	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	LTE700	1/10
IEC AND F CONNECTOR SERIES			
MATV (terrestrial)			
545720	Domestic Amplifier 1i/(2o+TV) "IEC": 47...694MHz G 20dB Vo 110dBµV + Output to a TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700	1/8
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	1/8
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	1/8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)		1/8
552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
⭐ 552720	Domestic Amplifier 1i/1o "IEC": 47...694MHz G 25dB Vo 112dBµV (Blister T1)	LTE700	1/8
⭐ 552920	Domestic Amplifier 1i/(4o+TV) "IEC": 47..694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE700	1/8
553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dBµV (Blister T1)	LTE700	1/8
SMATV (terrestrial + satellite)			
553001	Domestic Amplifier 1i/(2o+TV) "F" 5..65/88..862/950..2150MHz G(-9)/19/21dB Vo 111/114dBµV +Output to a TV Outlet G(-16)/11/13dB (Blister T1)		1/8
CATV (return path + terrestrial)			
552001	Domestic Amplifier 1i/(2o+TV) "F": 5..65/88..1006MHz G -7/21dB Vo111dBµV +Output to a TV Outlet G14dB (Passive Return)(Blister T1)		1/8
5525	Domestic Amplifier 1i/(2o+TV) "F" 5..65/87.5..862MHz G -7/18dB Vo106dBµV + Output to a TV Outlet G 12dB (Passive Ret.+Equaliser)(Blister T1)		1/8
553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		1/8
553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		1/8
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

SERIE PICOKOM

easyF

LTE 700 READY

Dimensions:
90 x 68 x 28 mm

Domestic amplifiers of pleasing design and limited size, with EasyF connection system. Equipped with automatic gain regulation and LTE700 filtering.

▲ Domestic Amplifier:
"IEC" Connector
145 x 55 x 35 mm

▲ Domestic Amplifier:
"F" Connector
145 x 55 x 35 mm

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description		
LAUNCH AMPLIFIERS			
MINIKOM EASYF SERIES			
MATV (terrestrial)			
562324	MiniKom Amplifier MATV 5i/1o ˝EasyF˝: FM-VHF-UHF-21..35-39..48 G 15-(24||34)-(26||36)-(24||34)-(25||35)dB Vo 113-114-116-116-116dBµV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
562325	MiniKom Amplifier MATV 5i/1o ˝EasyF˝: FM-VHF-UHF-21..32-34..48 G 15-(24||34)-(26||36)-(24||34)-(25||35)dB Vo 113-114-116-116-116dBµV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
562422	MiniKom Amplifier MATV 4i/1o ˝EasyF˝: FM-VHF-UHF-UHF G 15-(24||34)-(26||36)-(26||36)dB Vo 113-114-116-116dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
562522	MiniKom Amplifier MATV 3i/1o ˝EasyF˝: FM-VHF-UHF G 15-(24||34)-(26||36)dB Vo 113-114-116dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
SMATV (terrestrial + satellite)			
562221	MiniKom Amplifier MATV+SAT 5i/1o ˝EasyF˝: FM-VHF-UHF-UHF-SAT G 15-(24||34)-(26||36)-(26||36)-42dB Vo 113-114-115-115-122dBµV Preamplif.Powering 12V-200mA. Switchable DC Pass	LTE700	1
562621	MiniKom Amplifier MATV+SAT 4i/1o ˝EasyF˝: FM-VHF-UHF-SAT G 15-(21||31)-(27||37)-35dB Vo 114-114-115-122dBµV Preamplif.Powering 12V-200mA Switchable DC Pass	LTE700	1
MINIKOM F SERIES			
MATV (terrestrial)			
537302	MiniKom Amplifier MATV 1i/1o ˝F˝: 47...454/470...862MHz G (20||30)/(28||38)dB Vo 113/116dBµV		1
539201	MiniKom Amplifier MATV 4i/1o ˝F˝: FM-BIII/DAB-UHF-UHF G 15-(20||30)-(27||37)-(27||37)dB Vo 114-114-117-117dBµV 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) 124dBµV		1
536310	MiniKom Amplifier MATV + SAT 2i/1o ˝F˝: (47...862)-(950...2150)MHz G -1.5-35..45dB Vo(SAT) 124dBµV (110Vac & US Plug)		1
539620	MiniKom Amplifier MATV + SAT 4i/1o ˝F˝: FM-BIII-UHF-FI G 17-35-39-35..41dB Vo 110-113-114-124dBµV 12V-70mA Preamplif.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) 118/124dBµV		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) 120/123dBµV		1
DTKOM SERIES			
MATV (terrestrial)			
5338	DTKom Amplifier MATV 1i/1o ˝F˝: 47...862MHz G (40||50)dB Vo 123dBµV (Remote Powering 12V-50mA)		1
534020	DTKom Amplifier MATV 3i/1o ˝F˝: FM-BIII-UHF G 25-(32||42)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE700	1
5341	DTKom Amplifier MATV 5i/1o ˝F˝: FM-BIII-21..36-38..69-UHF G 25-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering		1
534121	DTKom Amplifier MATV 5i/1o ˝F˝: FM-BIII-21..32-36..48-UHF G 25-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. 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 (-4||28)/(38||50)/42dB Vo 116/123/123dBµV		1
5337	DTKom Amplifier Return Path + MATV + 2SAT 2i/2o ˝F˝: (5..65/87..862/950..2150MHz) – (950..2150MHz) G (for 2 outputs) (-5||27)/(30||40)/42dB Vo 115/120/120dBµV		1
CATV (return path + terrestrial)			
451203	DTKom Amplifier Return Path + MATV 1i/1o ˝F˝: 5...65/87...1006MHz G (-3||28)/(30||40)dB Vo 118/129dBµV		1
MICROKOM SERIES			
CATV (return path + terrestrial)			
534212	MicroKom Amplifier Return Path + MATV 1i/1o ˝F˝: 5...65/85...1220MHz G G(-||20)/(20||25)dB Vo 118/121 dBµV		1
534232	MicroKom Amplifier Return Path + MATV 1i/1o ˝F˝: 5...85/105...1220MHz G G(-||20)/(20||25)dB Vo 117/121 dBµV		1
534412	MicroKom Amplifier Return Path + MATV 1i/1o ˝F˝: 5...65/85...1220MHz G G(-||28)/(30||35)dB Vo 118/121 dBµV		1
534432	MicroKom Amplifier Return Path + MATV 1i/1o ˝F˝: 5...85/105...1220MHz G G(-||28)/(30||35)dB Vo 117/121 dBµV		1

☰ MINIKOM *EasyF* SERIES

LTE 700 READY

▲ **Amplifiers**
Dimensions: 100 x 100 x 50 mm

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

▶ me.televes.com/minikom

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

▲ Amplifiers: DTKom Series
284 x 140 x 50 mm

DOCSIS 3.1

▲ Amplifiers: MicroKom Series
190 x 88 x 35 mm

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Televes

Ref.	Description		
PROGRAMMABLE AMPLIFIERS			
AVANT 12			
⭐ 532201	Avant 12: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o ¨F¨: FM-4x(VHF/UHF) G 29-75dB Vo 124-124dBµV Configuration with ASuite (Bluetooth®)	T·FORCE LTE700	1
⭐ 532202	Avant 12 Sat: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/2o ¨F¨: FM-4x(VHF/UHF)-IF G 29-75-41dB Vo 120-120-123dBµV Configuration with ASuite (Bluetooth®)	T·FORCE LTE700	1
⭐ 532203	Avant 12 Pro: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o ¨F¨: FM-4x(VHF/UHF) G 29-75dB Vo 124-124dBµV Configuration with ASuite (Bluetooth®). Autoprogramming, Monitoring and Report PDF included	T·FORCE LTE700	1
⭐ 532204	Avant 12 Pro-Sat: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/2o ¨F¨: FM-4x(VHF/UHF)-IF G 29-75-41dB Vo 120-120-123dBµV Configuration with ASuite (Bluetooth®). Autoprogramming, Monitoring and Report PDF included	T·FORCE LTE700	1

AVANT 12: choose your model

	AVANT 12	AVANT 12 SAT	AVANT 12 PRO	AVANT 12 PRO SAT
	532201	**532202**	**532203**	**532204**
Terrestrial television (VHF/UHF)	✓	✓	✓	✓
FM/DAB radio	✓	✓	✓	✓
Satellite	✗	✓	✗	✓
Number of programmable filters	32	32	32	32
Mast amplifier/antenna power supply	✓	✓	✓	✓
Access to control unit configuration	Bluetooth®	Bluetooth®	Bluetooth®	Bluetooth®
Storage of configurations	✓	✓	✓	✓
Cloning of configurations between models	✓	✓	✓	✓
Autoadjustment of channels (ASuite/Physical button)	✓	✓	✓	✓
Autoprogramming of channels (ASuite)	✗	✗	✓	✓
Channel monitoring	✗	✗	✓	✓
PDF report generation	✗	✗	✓	✓

AVANT 12

Multi-input multiband amplifier, perfect for terrestrial individual or MDU (Multi Dwelling Unit) installations, which allows digital filters to be individually programmed to achieve optimum amplification and balancing between channels of the 4 available DTT inputs.

Thanks to ASuite application, the multiband amplifier programming is very easy and intuitive, being carried out wirelessly (Bluetooth®), using a smartphone or tablet (Android/iOS).

■ Up to 32 individually programmable filters

■ Digital processing of channels

■ Automatic signal adjustment in each filter (AGC)

■ VHF/UHF digital filters with high selectivity

ASuite

THE SIMPLE AND INTUITIVE APPLICATION FOR PROGRAMMING THE AVANT 12
FROM ANY SMART DEVICE, VIA BLUETOOTH® CONNECTION.

AUTOPROGRAMMING FUNCTION (only on PRO model)

CHANNEL SELECTION ON EACH INPUT

LEVEL BALANCING OF EACH CHANNEL

ON/OFF POWER SUPPLY THROUGH INPUTS

Available on the Google Play

Download on the App Store

ASuite
Available free of charge for Android and iOS mobile devices.

For more information, please visit: asuite.televes.com

TV DISTRIBUTION
FILTERING AND AMPLIFICATION

Ref.	Description		📦
SINGLE-CHANNEL AMPLIFICATION			
T12 SERIES			
Single-channel amplifiers			
508012	T12 Amplifier SAT 950...2150MHz G 35...50dB Vo 124dBμV	**LTE700**	1
508312	T12 Single Channel Amplifier BIII 174...230MHz G 45dB Vo 123dBμV	**LTE700**	1
508612	T12 Single/Multi Channel Amplifier UHF DTT 470...862MHz G 50dB Vo 125dBμV (Up to 7 Channels)	**LTE700**	1
509012	T12 Single Channel Amplifier FM/DAB 87,5...108/174..230MHz G 40/48dB Vo115/115dBμV	**LTE700**	1
509812	T12 Single Channel Amplifier High Selectivity UHF 470...862MHz G 50dB Vo 125dBμV	**LTE700**	1
Power supply unit			
549812	T12 Switch-mode Power Supply Unit 60W 24V-2.5A		1

▲ 508612

▲ 549812

Ref.	Description	🖐	📦
COMPLEMENTS			
ATTENUATORS			
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
4315	Adjustable Attenuator "IEC" Ø 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)		1/10
5165	Adjustable Attenuator "IEC" 0 to 20dB 40..860MHz DC Pass		10/120
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 98dBμV (Plug-in)	**LTE700**	1/10
7485	Line Amplifier 1i/1o "F": UHF/SAT[dc] G -2.5/20dB Vo 112.5dBμV		1/10
ELECTRICAL PROTECTION			
494702	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz		1
993810	Earth Bonding Bar 4 Connectors (9x/13x/17x NevoSwitch compatible)		54
993811	Earth Bonding Bar 5 Connectors (5x/9x/13x/17x NevoSwitch compatible)		120
SUPPORTS AND CABINETS			
5069	Lockable Cabinet 648mm (1 PSU + 14 T12/T05 Modules)		1
5071	Wall Mount 498mm (1 PSU + 7 T.0X 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.0X Modules or 12 T12/T05 Modules)		1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)		1
567201	Wall Mount 275mm 5RU, Depth: 260mm (1 PSU + 4 T.0X Modules)		1
5750	Cabinet for Headend Amplifier 440x440x140mm		1
ACCESSORIES			
216810	OTG USB C-microUSB B Cable Male-Male 1m Black for Avant X/6 (Bag B2)	●	1
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4071	DC Blocker "F"		10
5074	T12 "F" Connector Link Push Fit Type, 40.8mm		10
7234	Universal Programmer T.0X/T05/AVANT		1

▲ 5072

▲ 5069

▲ 4071

▲ 4007

▲ 5301

▲ 549812

▲ 216810

▲ 400620

▲ 7485

▲ 494702

▲ 4315

PROCESSING HEADENDS

Televes

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
564301	T.0X Twin Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
565401	T.0X Transmodulator DVBS/S2/S2X-COFDM/QAM CI Twin (47...862MHz) Multiplexer: 4 Transponders :2C	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
565401	T.0X Transmodulator DVBS/S2/S2X-COFDM/QAM CI Twin (47...862MHz) Multiplexer: 4 Transponders :2C	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
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
A/D CHANNEL PROCESSORS		
564901	T.0X Twin Processor Analogue/Digital Channel (47...862MHz)	1

☰ T.0X TRANSMODULATOR TWIN

▲ 565401

Transmodulator generating **two COFDM or QAM (Annex A) multiplex** from the multiplexing of the services available in **up to 4 different TV SAT transponders.**

Manageable in an agile and simple way thanks to its **embedded web interface,** which allows access to the multiple configuration functionalities available.

▲ T.0X Streamers

DTT or SAT content generation under IP encapsulation.

▲ T.0X Encoders

Generate your own DTT content in High Definition.

▲ 5806

TV DISTRIBUTION
PROCESSING HEADENDS

Ref.	Description	⬇
T.0X SERIES		
HEADEND CONTROL		
CDC Modules		
5559	T.0X Headend Management Unit CDC IP	1
555911	T.0X Headend Management Control CDC IP/3G	1
AUXILIARY EQUIPMENT		
Amplifier		
5575	T.0X Amplifier Push-Pull 47...1006MHz G 44dB Vo 126dBµV	1
Power Supply Units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.0X standalone mounting)	1
5629	T.0X Switch-mode Power Supply Unit 120W 24V-5A	1
562910	T.0X Switch-mode Power Supply Unit 60W 24V-2.5A	1
563901	T.0X 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.0X Modules or 10 T12/T05 Modules)	1
507203	Lockable Cabinet with Forced Ventilation 448mm (1 PSU + 7 T.0X Modules)	1
507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.0X Modules)	1
5239	Wall Mount 560mm (1 PSU + 8 T.0X Modules or 12 T12/T05 Modules)	1
5301	19″ Rack Frame 484mm 5RU (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU, Depth: 260mm (1 PSU + 4 T.0X Modules)	1
567401	Standalone Support (1 T.0X Module)	10
Programmer		
7234	Universal Programmer T.0X/T05/AVANT	1
Accessories		
216801	Kit: PC-Module Cable & USB-Serial Adapter. Utilities: TSuite (T.0X, T05)	1
216802	Kit: OTG USB - microUSB B Cable & WiFi Adapter. Utilities: Streamers T.0X WiFi Control	1
4061	Terminal Load ″F″ 75Ohm with DC Blocked	10/200
4071	DC Blocker ″F″	10
422601	Patch Cable for Powering T.0X from T05 0.4m	1/5
494702	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1
5673	T.0X Blank Plate 50mm - 5RU	1

Ref.	Description	⬇
OTHER		
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
585915	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1

▲ 5559

▲ 507204

▶ 507203
(T.0X units not included)

▲ 5239

▲ 5301

▲ 567201

▲ 567401

▲ 216802

▲ 585915

TV DISTRIBUTION
OPTICAL FIBER

Televes

Ref.	Description	⬇
T.0X SERIES		
OPTICAL TRANSMITTERS		
Forward path TX		
233306	T.0X Optical Transmitter SMATV 1310nm "SC/APC" Po 6dBm w/o Return Path	1
233311	T.0X Optical Transmitter SMATV 1310nm "SC/APC" Po 10dBm w/o Return Path	1
234305	T.0X Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm w/o Return Path	1
234801	T.0X Optical Transmitter CATV 1310nm "SC/APC" Po 10dBm w/o Return Path RF Automatic Adjustment and Temperature Stability	1
234811	T.0X 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.0X Optical Receiver SMATV 1200...1600nm "SC/APC" w/o Return Path	1
2336	T.0X Optical Receiver SMATV 1200...1600nm "SC/APC" with Return Path Optical Transmitter 1310nm Po 3dBm	1
Return path RX		
234901	T.0X Return Path Optical Receiver (5...300MHz) 1270...1650nm "SC/APC", with AGC	1
AUXILIARY EQUIPMENT		
Amplifiers		
234220	T.0X Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology)	1
234221	T.0X Optical Amplifier / Multiplexer "SC/APC" 19dBm (EDFA Tecnology) 2i: 1310/1490nm - 1550nm, 1o: 1310/1490/1550nm	1
Power supply units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.0X standalone mounting)	1
5629	T.0X Switch-mode Power Supply Unit 120W 24V-5A	1
562910	T.0X Switch-mode Power Supply Unit 60W 24V-2.5A	1
563901	T.0X Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
Splitters		
2337	T.0X Optical Splitter 1260...1650nm "SC/APC" 2W 4dB	1
2339	T.0X Optical Splitter 1260...1650nm "SC/APC" 4W 7dB	1
234401	T.0X Optical Splitter 1260...1650nm "SC/APC" 8W 10dB	1
234501	T.0X Optical Splitter 1260...1650nm "SC/APC" 16W 14dB	1
234601	T.0X Optical Splitter 1260...1650nm "SC/APC" 32W 17dB	1
Multiplexers (WDM)		
234701	T.0X Optical Multiplexer / Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
234702	T.0X Optical Multiplexer / Demultiplexer 1i/2o "SC/APC": RFoG: Uplink (1610nm) - Downlink (1550nm)	1
Mounts and housings		
5071	Wall Mount 498mm (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
507203	Lockable Cabinet with Forced Ventilation 448mm (1 PSU + 7 T.0X Modules)	1
507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.0X Modules)	1
5239	Wall Mount 560mm (1 PSU + 8 T.0X Modules or 12 T12/T05 Modules)	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU, Depth: 260mm (1 PSU + 4 T.0X Modules)	1
Accessories		
4061	Terminal Load "F" 75Ohm with DC Blocked	10/200
4071	DC Blocker "F"	10
5673	T.0X Blank Plate 50mm - 5RU	1

▲ 234801/234811

▲ 234221   ▲ 234220

▲ 234401   ▲ 234501   ▲ 234601

◤ 5629   ◤ 562910

▲ 234701   ▲ 234702

25

TV DISTRIBUTION
OPTICAL FIBER

Ref.	Description	
19" 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
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		
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 2RU	1
769615	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769616	Optical Amplifier / Multiplexer "SC/APC" 17dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769620	Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology) + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769622	Optical Amplifier 1i/8o: 1550nm "SC/APC" 10dBm (EDFA Technology) + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769623	Optical Amplifier 1i/8o: 1550nm "SC/APC" 20dBm (YEDFA Technology) + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769630	Optical Amplifier / Multiplexer "SC/APC" 20dBm (EDFA Technology) 2i:1x1310/1490nm - 1x1550nm, 1o:1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769631	Optical Amplifier / Multiplexer "SC/APC" 14dBm (EDFA Technology) 5i:4x1310/1490nm - 1x1550nm, 4o:1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 1RU	1
769632	Optical Amplifier / Multiplexer "SC/APC" 10dBm (EDFA Technology) 9i:8x1310/1490nm - 1x1550nm, 8o:1310/1490/1550nm + Double Power Supply Unit. 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 (Remote Powering)	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...1220MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering)	1
238005	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 105...1220MHz 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...1220MHz, OLC Technology (Local Powering)	1
238101	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1220MHz, OLC Technology (Remote Powering)	1
MICRO-NODES		
Without return path (micro-receiver)		
231110	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 47...2400MHz, OLC Technology	1
ACCESSORIES		
732101	Power Supply Unit 12V-0.8A	1

▲ 769902

▲ 769903

▲ 769632

▲ 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

TV DISTRIBUTION
OPTICAL FIBER

Ref.	Description		
TV THROUGH OPTICAL FIBER: OVERLIGHT SERIES (MAX. 64 USERS)			
LNB			
747402	WideBand LNB (2 Outputs H-V) G 57dB for Overlight solution	●	1/50
AMPLIFIERS			
237561	Overlight WideBand Amplifier 2x2 "F" 1xSat 250...2400MHz G 13dB Vo 118dBµV		1
237562	Overlight WideBand Amplifier 2x2 "F" 1xSat 250...2400MHz G 29dB Vo 118dBµV		1
OPTICAL TRANSMITTERS			
Indoor TX			
237503	Overlight Optical Transmitter CWDM Indoor "SC/APC" 10dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1310nm(Sat+Terr)		1
237504	Overlight Optical Transmitter CWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1550nm(Sat+Terr)		1
237505	Overlight Optical Transmitter CWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1570nm(Sat+Terr)		1
237506	Overlight Optical Transmitter CWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1510nm(Sat+Terr)		1
237507	Overlight Optical Transmitter CWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1530nm(Sat+Terr)		1
★ 237571	Overlight Optical Transmitter DWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: Ch31(Sat+Terr)		1
★ 237572	Overlight Optical Transmitter DWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: Ch32(Sat+Terr)		1
★ 237573	Overlight Optical Transmitter DWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: Ch33(Sat+Terr)		1
★ 237574	Overlight Optical Transmitter DWDM Indoor "SC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: Ch34(Sat+Terr)		1
Outdoor TX			
237513	Overlight Optical Transmitter CWDM Outdoor "FC/APC" 10dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1310nm(Sat+Terr)		1
237514	Overlight Optical Transmitter CWDM Outdoor "FC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1550nm(Sat+Terr)		1
237515	Overlight Optical Transmitter CWDM Outdoor "FC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1570nm(Sat+Terr)		1
237516	Overlight Optical Transmitter CWDM Outdoor "FC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1510nm(Sat+Terr)		1
237517	Overlight Optical Transmitter CWDM Outdoor "FC/APC" 9dBm 64 users 3i: 2x 290...2340MHz(Sat) – RF(Terr.), 1o: 1530nm(Sat+Terr)		1
OPTICAL RECEIVERS			
237522	Overlight Optical Receiver dCSS "SC/APC" 1i: 1100...1650nm(Sat+Terr.), 4o: 2x (dCSS/Legacy+Terr.), 2x (Terr.) (Multichoice version)		1
237540	Overlight Optical Receiver Quattro "SC/APC" FM/DAB/UHF-SAT		1
237550	Overlight Optical Receiver Quad "SC/APC" FM/DAB/UHF-SAT		1
AUXILIARY EQUIPMENT			
234750	CWDM Optical Multiplexer "SC/APC" 4i: 1510/1530/1550/1570nm, 1o + Power Supply Unit, 1RU		1
★ 234751	DWDM Optical Multiplexer "SC/APC" 4i: Ch31/Ch32/Ch33/Ch34, 1o + Power Supply Unit		1
★ 234757	DWDM Optical Demultiplexer "SC/APC" 1i, 4o: Ch34/Ch33/Ch32/Ch31		1
★ 234758	CWDM Optical Demultiplexer "SC/APC" 1i, 4o: 1570/1550/1530/1510nm		1
593203	Power Supply Unit 12V-3A, All Plugs		1
830209	Power Supply Unit 12V-1.5A		1

≡ OVERLIGHT SERIES

ENHANCED ELECTRONICS AND OPTICAL ENGINEERING TO LIGHT UP YOUR TV

▲ 23751x

▲ 23750x

▲ 237540

▲ 237550

Satellite and terrestrial TV distribution through **a single optical fiber,** reducing the number of antennas and devices in the installation without losing the quality of the signal. Ideal to provide TV services to housing estates, blocks of apartments, hotels and campsites, residences, and other FTTx solutions.

- Transmitters adapted to CWDM or DWDM technologies
- High output level
- Low loss and a balanced end-to-end TV signal
- Optimized electronic design
- Compatible with GPON

me.televes.com/overlight

▲ 234750

▲ 234751

▲ 234757

TV DISTRIBUTION
OPTICAL FIBER

Ref.	Description	📦
TV THROUGH OPTICAL FIBER (MAX. 32 USERS)		
CONVERTERS		
236903	Optical/RF Converter "FC/PC"-"F" Quad FM/DAB/UHF-SAT	1/64
OPTICAL SYSTEMS WITH WDM		
Full SAT + DTT		
237301	Optical Transmitter / Multiplexer. 2i: "FC/PC" 1310/1490nm(Sat) - RF(Terr.), 1o: "SC/APC" 1310/1490/1550nm(Sat/Terr.), 6dBm	1
237302	Optical Transmitter / Multiplexer "SC/APC". 2i: 1310/1490nm(Sat) - RF(Terr.), 1o: 1310/1490/1550nm(Sat/Terr.), 9dBm	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
WDM Multiplexers		
234750	CWDM Optical Multiplexer "SC/APC" 4i: 1510/1530/1550/1570nm, 1o + Power Supply Unit, 1RU	1
234756	CWDM Component, Optical Multiplexer / Demultiplexer 1i "SC/APC": COM, 4o "FC/PC": 1510/1530/1550/1570nm	1
⭐ 234758	CWDM Optical Demultiplexer "SC/APC" 1i, 4o: 1570/1550/1530/1510nm	1
ACCESSORIES		
2354	Simplex F.O. Adapter Single-Mode (SM) "FC" Female – "FC" Female	5
2356	Simplex F.O. Adapter Single-Mode (SM) "FC" Female – "SC" Female	5
237050	Power Supply Unit 20V-1.2A (for Ref. 236903)	1
732101	Power Supply Unit 12V-0.8A	1
732210	Power Supply Unit 12V-1.5A (UK plug)	1/10
732802	Power Supply Unit 12.5V-2.8A	1

ℹ️ *For more information about optical fiber cabling and distribution elements, see the DataCom section.*

▲ 236903

▲ 237302

▲ 237320

▲ Full DTT + SAT system over optical fiber with WDM

▲ 234756
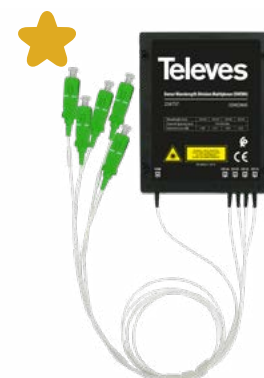
▲ 234758

TV DISTRIBUTION
MULTISWITCHES

Ref.	Description		📥
EUROSWITCH SERIES			
5X - 1 SATELLITE			
Multiswitches			
719501	Multiswitch 5x5x4 ¨F¨ Terminal/Cascade	T·FORCE	1
719502	Multiswitch 5x5x6 ¨F¨ Terminal/Cascade	T·FORCE	1
719503	Multiswitch 5x5x8 ¨F¨ Terminal/Cascade	T·FORCE	1
719504	Multiswitch 5x5x12 ¨F¨ Terminal/Cascade	T·FORCE	1
719505	Multiswitch 5x5x16 ¨F¨ Terminal/Cascade	T·FORCE	1
719506	Multiswitch 5x5x24 ¨F¨ Terminal/Cascade	T·FORCE	1
719507	Multiswitch 5x5x32 ¨F¨ Terminal/Cascade	T·FORCE	1
Quad multiswitches			
719402	Quad Compatible Multiswitch 5x5x6 ¨F¨ Terminal/Cascade (12V-0.8A PSU included)	T·FORCE	1
719403	Quad Compatible Multiswitch 5x5x8 ¨F¨ Terminal/Cascade (12V-0.8A PSU included)	T·FORCE	1
719404	Quad Compatible Multiswitch 5x5x12 ¨F¨ Terminal/Cascade (12V-0.8A PSU included)	T·FORCE	1
719405	Quad Compatible Multiswitch 5x5x16 ¨F¨ Terminal/Cascade (12V-0.8A PSU included)	T·FORCE	1
Accessories			
714508	Amplifier 5x5 ¨F¨ MATV/IF G 10/11dB Vo 118dBµV		1
714509	Amplifier 5x5 ¨F¨ MATV/IF G 27/31dB Vo 114/118dBµV		1
9X - 2 SATELLITES			
Multiswitches			
719601	Multiswitch 9x9x8 ¨F¨ Terminal/Cascade	T·FORCE	1
719602	Multiswitch 9x9x12 ¨F¨ Terminal/Cascade	T·FORCE	1
719603	Multiswitch 9x9x16 ¨F¨ Terminal/Cascade	T·FORCE	1
719604	Multiswitch 9x9x24 ¨F¨ Terminal/Cascade	T·FORCE	1
719605	Multiswitch 9x9x32 ¨F¨ Terminal/Cascade	T·FORCE	1
Accessories			
719609	Amplifier 9x9 ¨F¨ Ret.P/MATV/IF G -/27/31dB Vo 114/118dBµV		1
17X - 4 SATELLITES			
Multiswitches			
719801	Multiswitch 17x17x8 ¨F¨ Terminal/Cascade	T·FORCE	1
719802	Multiswitch 17x17x12 ¨F¨ Terminal/Cascade	T·FORCE	1
719803	Multiswitch 17x17x16 ¨F¨ Terminal/Cascade	T·FORCE	1
719804	Multiswitch 17x17x24 ¨F¨ Terminal/Cascade	T·FORCE	1
719805	Multiswitch 17x17x32 ¨F¨ Terminal/Cascade	T·FORCE	1
Accessories			
719809	Amplifier 17x17 ¨F¨ Ret.P/MATV/IF G -/27/31dB Vo 114/118dBµV		1
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 118dBµV		1
714509	Amplifier 5x5 ¨F¨ MATV/IF G 27/31dB Vo 114/118dBµV		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

Televes

≡ **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.

In addition, thanks to the **TForce technology,** the device adjusts the output level of the terrestrial signal to optimal values at any times.

me.televes.com/euroswitch

▲ 719603

EUROSWITCH / **Nevoswitch**

A unique amplifier compatible with both series

▲ 714509

▲ 714403

me.televes.com/**nevoswitch**

TV DISTRIBUTION
MULTISWITCHES

NEVOSWITCH SERIES

9X - 2 SATELLITES

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

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
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 SATELLITES

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 SATELLITES

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

Ref.	Description	📥

DCSS NEVOSWITCH SERIES

5X - 1 SATELLITE

Multiswitches

714122	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Multichoice version)	T·FORCE	1

Ref.	Description	📥

POWER SUPPLY UNITS

12V

732101	Power Supply Unit 12V-0.8A	1
732210	Power Supply Unit 12V-1.5A (UK plug)	1/10
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
421103	"Quick F" Coaxial Jumper 17mm	100/500
421104	"Quick F" Coaxial Jumper 34mm	100/500
7450	Current Injector 10...2150MHz 1...24Vdc-1.5A	1/20
993810	Earth Bonding Bar 4 Connectors (9x/13x/17x NevoSwitch compatible)	54
993811	Earth Bonding Bar 5 Connectors (5x/9x/13x/17x NevoSwitch compatible)	120

▲ 714601

▲ 714701

▲ 714709

▲ 714805

▲ 714122

▲ 732802

▲ 3821

TV DISTRIBUTION
DISTRIBUTION

Televes

Ref.	Description	🔧	📦
SPLITTERS			
EASYF SERIES			
Terrestrial + satellite			
432803	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass O-I (Bag B3)		1/8
432902	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass All (Blister T1)		1/8
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.5/4.3dB DC Pass All With Outdoor Mounting Case (Blister T1)		1/10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB DC Pass O-I With Outdoor Mounting Case (Blister T1)		1/8
543503	Mini-Splitter 5...2400MHz "EasyF" 2W 4.3/4dB Indoor DC Pass O-I		10
543603	Mini-Splitter 5...2400MHz "EasyF" 3W 8.5/7.5dB Indoor DC Pass O-I		10
543702	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass O-I		10
543802	Splitter 5...2400MHz "EasyF" 5W 10/9.5dB Indoor DC Pass O-I		10
5469	Splitter 5...2400MHz "EasyF" 6W 11/14dB Indoor DC Pass O-I		6
5489	Splitter 5...2400MHz "EasyF" 8W 14/16dB Indoor DC Pass O-I		6
F SERIES			
Terrestrial + Satellite			
519502	Splitter 5...2400MHz "F" 2W 5/4dB Indoor		10
519503	Splitter 5...2400MHz "F" 3W 8/7dB Indoor		10
519504	Splitter 5...2400MHz "F" 4W 9/8dB Indoor		10
519505	Splitter 5...2400MHz "F" 5W 11/10dB Indoor		10
519506	Splitter 5...2400MHz "F" 6W 12/11dB Indoor		10
519508	Splitter 5...2400MHz "F" 8W 15/14dB Indoor		10
Terrestrial			
⭐ 519602	Splitter 5...1220MHz "F" 2W 4dB Indoor		10
⭐ 519603	Splitter 5...1220MHz "F" 3W 8dB Indoor		10
⭐ 519604	Splitter 5...1220MHz "F" 4W 9dB Indoor		10
⭐ 519606	Splitter 5...1220MHz "F" 6W 12dB Indoor		10
⭐ 519608	Splitter 5...1220MHz "F" 8W 13dB Indoor		10
Satellite			
7402	Splitter 950...2150MHz "F" 8W 1...4dB Indoor Active		1
PLUG-IN			
Terrestrial			
4320	Inductive Splitter "IEC" Ø 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)		1/10
4322	Inductive Splitter "IEC" Ø 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)		1/10
ACCESSORIES			
4058	Terminal Load "F" 75Ohm without DC Blocked		10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box		200/2000
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4087	Terminal Load "EasyF" 75Ohm with DC Blocked		25
408701	Terminal Load "EasyF" 75Ohm with DC Blocked, Plastic Box		100/1000
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
421103	"Quick F" Coaxial Jumper 17mm		100/500
421104	"Quick F" Coaxial Jumper 34mm		100/500
519901	DIN Rail Adapter for F Series	⚫	30
545501	Face Plate White 93x74x21mm	⚪	10
545510	Face Plate for Mini Series White 62x56x18mm	⚪	10
549901	DIN Rail Adapter for EasyF Series	⚫	20

▲ 545510

▲ 417801

▲ Mini-Splitter 57x 47 x 13 mm

▲ 543702

▲ 5430

▲ 519502

▲ 519505

▲ 519508

▲ 4087

▲ 4322

▲ 4177

TV DISTRIBUTION
DISTRIBUTION

Ref.	Description		
TAPS			
EASYF SERIES			
Terrestrial + Satellite			
542503	Mini-Tap 5...2400MHz ˝EasyF˝ 2W 12dB Indoor DC Pass I-O (Floor 1)		10
542603	Mini-Tap 5...2400MHz ˝EasyF˝ 2W 16dB Indoor DC Pass I-O (Floors 2 & 3)		10
542703	Mini-Tap 5...2400MHz ˝EasyF˝ 2W 21dB Indoor DC Pass I-O (Floors 4...6)		10
542803	Mini-Tap 5...2400MHz ˝EasyF˝ 2W 25dB Indoor DC Pass I-O (Floors 7 & 8)		10
544402	Tap 5...2400MHz ˝EasyF˝ 4W 12dB Indoor DC Pass I-O (Floor 1)		10
544502	Tap 5...2400MHz ˝EasyF˝ 4W 16dB Indoor DC Pass I-O (Floors 2 & 3)		10
544602	Tap 5...2400MHz ˝EasyF˝ 4W 20dB Indoor DC Pass I-O (Floors 4 & 5)		10
544702	Tap 5...2400MHz ˝EasyF˝ 4W 25dB Indoor DC Pass I-O (Floors 6...8)		10
5492	Tap 5...2400MHz ˝EasyF˝ 6W 16dB Indoor DC Pass I-O (Floor 1)		6
5493	Tap 5...2400MHz ˝EasyF˝ 6W 20dB Indoor DC Pass I-O (Floors 2 & 3)		6
5494	Tap 5...2400MHz ˝EasyF˝ 6W 24dB Indoor DC Pass I-O (Floors 4 & 5)		6
5610	Tap 5...2400MHz ˝EasyF˝ 8W 16dB Indoor DC Pass I-O (Floor 1)		6
5611	Tap 5...2400MHz ˝EasyF˝ 8W 22dB Indoor DC Pass I-O (Floor 2)		6
F SERIES			
Terrestrial + Satellite			
519322	Tap 5...2400MHz ˝F˝ 2W 12dB Indoor (Floor 1)		10
519323	Tap 5...2400MHz ˝F˝ 2W 16dB Indoor (Floors 2 & 3)		10
519324	Tap 5...2400MHz ˝F˝ 2W 20dB Indoor (Floors 4...6)		10
519325	Tap 5...2400MHz ˝F˝ 2W 24dB Indoor (Floors 7 & 8)		10
519341	Terminal Tap 5...2400MHz ˝F˝ 4W 8dB Indoor (Floor 1)		10
519342	Tap 5...2400MHz ˝F˝ 4W 12dB Indoor (Floor 2)		10
519343	Tap 5...2400MHz ˝F˝ 4W 16dB Indoor (Floor 3)		10
519344	Tap 5...2400MHz ˝F˝ 4W 20dB Indoor (Floors 4 & 5)		10
519345	Tap 5...2400MHz ˝F˝ 4W 24dB Indoor (Floors 6...8)		10
519362	Terminal Tap 5...2400MHz ˝F˝ 6W 12dB Indoor (Floor 1)		10
519363	Tap 5...2400MHz ˝F˝ 6W 16dB Indoor (Floor 2)		10
519364	Tap 5...2400MHz ˝F˝ 6W 20dB Indoor (Floor 3)		10
519365	Tap 5...2400MHz ˝F˝ 6W 24dB Indoor (Floors 4 & 5)		10
519382	Terminal Tap 5...2400MHz ˝F˝ 8W 14dB Indoor (Floor 1)		10
519383	Tap 5...2400MHz ˝F˝ 8W 16dB Indoor (Floor 2)		10
519384	Tap 5...2400MHz ˝F˝ 8W 20dB Indoor (Floor 3)		10
519385	Tap 5...2400MHz ˝F˝ 8W 24dB Indoor (Floor 4)		10

▲ 542503

▲ 544502

▲ 5492

▲ 519324

▲ 519342

▲ 519363

TV DISTRIBUTION
DISTRIBUTION

Televes

Ref.	Description		
TAPS			
F SERIES			
Terrestrial			
519420	Terminal Tap 5...1220MHz ¨F¨ 2W 4dB Indoor		10
519421	Tap 5...1220MHz ¨F¨ 2W 9dB Indoor		10
519422	Tap 5...1220MHz ¨F¨ 2W 12dB Indoor		10
519423	Tap 5...1220MHz ¨F¨ 2W 15dB Indoor		10
519424	Tap 5...1220MHz ¨F¨ 2W 18dB Indoor		10
519425	Tap 5...1220MHz ¨F¨ 2W 21dB Indoor		10
519426	Tap 5...1220MHz ¨F¨ 2W 24dB Indoor		10
519427	Tap 5...1220MHz ¨F¨ 2W 27dB Indoor		10
519441	Terminal Tap 5...1220MHz ¨F¨ 4W 9dB Indoor		10
519442	Tap 5...1220MHz ¨F¨ 4W 12dB Indoor		10
519443	Tap 5...1220MHz ¨F¨ 4W 15dB Indoor		10
519444	Tap 5...1220MHz ¨F¨ 4W 18dB Indoor		10
519445	Tap 5...1220MHz ¨F¨ 4W 21dB Indoor		10
519446	Tap 5...1220MHz ¨F¨ 4W 24dB Indoor		10
519447	Tap 5...1220MHz ¨F¨ 4W 27dB Indoor		10
519481	Terminal Tap 5...1220MHz ¨F¨ 8W 13dB Indoor		10
519482	Tap 5...1220MHz ¨F¨ 8W 17dB Indoor		10
519483	Tap 5...1220MHz ¨F¨ 8W 20dB Indoor		10
519484	Tap 5...1220MHz ¨F¨ 8W 23dB Indoor		10
ACCESSORIES			
4058	Terminal Load ¨F¨ 75Ohm without DC Blocked		10/200
405802	Terminal Load ¨F¨ 75Ohm without DC Blocked, Plastic Box		200/2000
4061	Terminal Load ¨F¨ 75Ohm with DC Blocked		10/200
4087	Terminal Load ¨EasyF¨ 75Ohm with DC Blocked		25
408701	Terminal Load ¨EasyF¨ 75Ohm with DC Blocked, Plastic Box		100/1000
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	⬤ (grey)	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
421103	¨Quick F¨ Coaxial Jumper 17mm		100/500
421104	¨Quick F¨ Coaxial Jumper 34mm		100/500
519901	DIN Rail Adapter for F Series	●	30
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10
549901	DIN Rail Adapter for EasyF Series	●	20

▲ 519421

▲ 519442

▲ 519482

▲ 4163

▲ 4058

▲ 4061

▲ 519901

▲ 549901

▲ 421103

TV DISTRIBUTION
DISTRIBUTION

Ref.	Description		
OUTLETS			
SCREW-FREE MOUNTING			
Terrestrial - 2 connectors			
5230	End Outlet 5...862MHz, TV-FM 4.5-18dB without DC Pass		1/10
5231	Through Outlet 5...862MHz, TV-FM 9.5-24dB without DC Pass		1/10
5232	End Outlet Diplexed 5...1000MHz, TV-FM 0.5-3dB without DC Pass		1/10
5233	Through Outlet 5...1000MHz, TV-FM 7-26dB without DC Pass		1/10
Terrestrial + satellite - 2 connectors			
4301	End Outlet Diplexed 5...2400MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)		1/8
4335	Through Outlet Bridged + Face Plate TV-R + Back Box for Surface Mounting Outlet (Blister T1)		1/8
5226	End Outlet Diplexed 5...2400MHz, TV/FM-SAT 0.6-1.5dB with DC Pass		1/10
5227	Through Outlet Diplexed 5...2400MHz,TV/FM-SAT 13-14dB with DC Pass (Floors 3...5)		1/10
5228	Through Outlet Diplexed 5...2400MHz,TV/FM-SAT 8.5-10dB with DC Pass (Floor 2)		1/10
5229	End Outlet Diplexed 5...2400MHz,TV/FM-SAT 4-5dB with DC Pass (Floor 1)		1/10
5236	Through Outlet Diplexed 5...2400MHz,TV/FM-SAT 20-24dB with DC Pass (Floors 6...12)		1/10
5270	Through Outlet Bridged (Chassis Only)		1/10
5276	End Outlet Diplexed 5...2400MHz, TV/FM-SAT 0.6-1.5dB with DC Pass, without Clamps		1/10/100
Terrestrial + satellite - 3 connectors			
524501	End Outlet Triplexed 5..2400MHz, TV/FM-SAT1-SAT2 1-1.5-1dB with DC Pass		1/10/100
524603	End Outlet 5..2400MHz, TV-FM-SAT 4-4-1.5dB with DC pass		1/10/100
Multimedia			
524001	End Outlet Multimedia 5...1220MHz, TV-FM-DATA 8-7-3.6dB		1/10/100
524701	Through Outlet Multimedia 5..1220MHz, TV-FM-DATA 12-14.5-12dB		1/10/100
524801	Through Outlet Multimedia 5..1220MHz, TV-FM-DATA 19-20-17.5dB		1/10/100
5250	End Outlet Multimedia 5...2150MHz, TV-FM-SAT/DATA 5-3.8-6.5/4.5dB with DC Pass		1/10/100
FACE PLATES			
80x80mm			
4336	Back Box White for Surface Mounting Outlet (Blister T1)	○	1/10
527402	Face Plate White for TV/R-SAT-DATA Outlet	○	12
5440	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
544302	Face Plate White for TV-R-SAT Outlet	○	10
85x85mm			
544002	Face Plate White for TV/R-SAT Outlet	○	10
544101	Face Plate White for TV-R Outlet	○	10
544301	Face Plate White for TV-R-SAT Outlet	○	10
ACCESSORIES			
Terminal loads			
4061	Terminal Load ¨F¨ 75Ohm with DC Blocked		10/200
4087	Terminal Load ¨EasyF¨ 75Ohm with DC Blocked		25
408701	Terminal Load ¨EasyF¨ 75Ohm with DC Blocked, Plastic Box		100/1000

▲ 5226

▲ 524603

▲ 527402

▲ 5442

Outlets: General technical specifications

180 degrees opening clamp

Clamp retention system

The inner conductor guide to ease the connection

Specially designed chassis to ease cutting

Screenprinted reference

Pressure ports to free the inner conductor

Embeded claw for mounting without screws
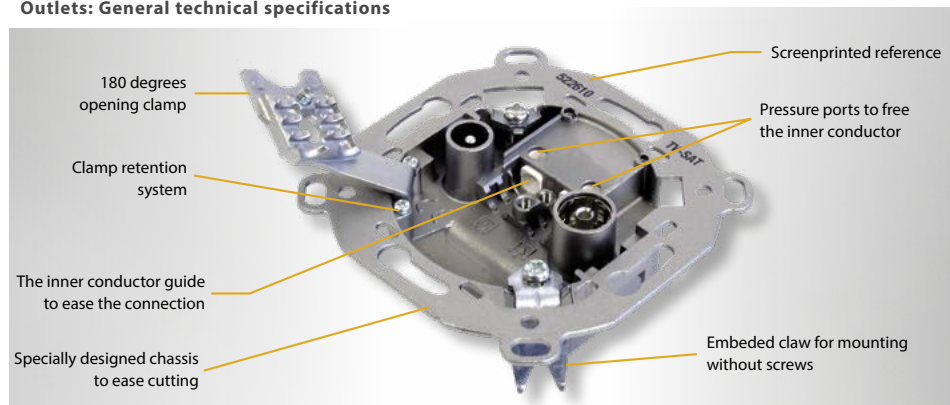
A simple push is enough to connect the inner conductor, no screws needed.

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 3.1.**

DOCSIS 3.1

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

Ref.	Description			
CONVENTIONAL COAXIAL CABLES (RG-6)				
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	⚙	○	100/500
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	⚙	○	100/500
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	⚙	○	100/500
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	⚙	●	100/500
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	⚙	○	100/500
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	⚙	○	100/500
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	⚙	○	100/500
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

Televes

COVERAGE UP TO 82%

≡ **TRIPLE SHIELDED CABLES**

*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 exeptional 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

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

Ref.	Description			
CONVENTIONAL COAXIAL CABLES (RG-6)				
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	⚙	●	100/500
214121	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.13/4.8/6.6mm White	⚙	○	100/500
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
CPR Eca: Copper / copper				
214102	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White	⚙	○	100/500
214104	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White	⚙	○	250
CPR Fca: Copper / copper				
215501	Coaxial Cable T-100plus PE Fca Class A 16PRtC Ø 1.13/4.8/6.6mm Black	⚙	●	100/500
CPR Dca: Copper / aluminium				
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	⚙	○	100/500
212602	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm Black	◉	●	250
2128	Coaxial Cable CXT PVC Eca Class A 19VAtC Ø 1.00/4.5/6.5mm White	⚙	○	100/500
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	⚙	●	100/500
212502	Coaxial Cable T-100 PE Fca Class A 16PAtC Ø 1.13/4.8/6.6mm Black	◉	●	250
CPR Eca: Copper clad aluminium /aluminium				
2127	Coaxial Cable CXT-1 PVC Eca Class A 17VAtC.A Ø 1.00/4.7/6.7mm White	⚙	○	100/500
212702	Coaxial Cable CXT-1 PVC Eca Class A 17VAtC.A Ø 1.00/4.7/6.7mm Black	◉	●	250
212703	Coaxial Cable CXT-1 PVC Eca Class A 17VAtC.A Ø 1.00/4.7/6.7mm White	◉	○	250

T-100plus — **CLASS A Dca**

▲ 214118

▲ 214121

▲ 214122

▲ T-100plus (215501) — **CLASS A Fca**

▲ TR-165 (214911) — **CLASS A Dca**

▲ T-100 (2126) — **CLASS A Eca**

▲ CXT (2128) — **CLASS A Eca**

▲ T-100 (212501) — **CLASS A Fca**

▲ CXT-1 (2127) — **CLASS A Eca**
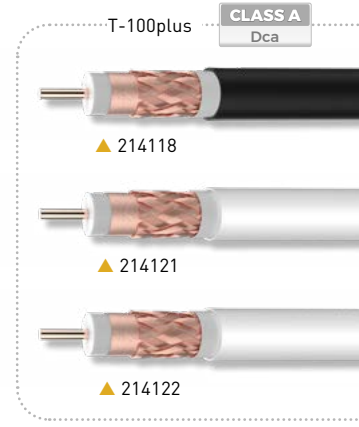
CLASS A Dca

▼ CXT (212811)

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

Televes

Ref.	Description			
CONVENTIONAL COAXIAL CABLES (RG-6)				
DOUBLE SHIELDING - CLASS B				
CPR Dca: Copper / copper clad aluminium				
213910	Coaxial Cable CXT LSFH Dca 18C Ø 1.00/4.8/6.6mm Black	◎	●	100/500
214210	Coaxial Cable CXT LSFH Dca 18C Ø 1.00/4.8/6.6mm White	◎	○	100
214211	Coaxial Cable CXT LSFH Dca 18C Ø 1.00/4.8/6.6mm White	◎	○	250
CPR Eca: Copper / copper clad aluminium				
2139	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm Black	◎	●	100/500
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: 20mm, Black (2 units)		●	1
200102	Velcro Flange for Cables, Width: 15mm, Black (10 units)		●	1

Ref.	Description			
MICRO-CABLES (RG-59)				
MICRO				
CPR Eca: Copper / tinned copper				
210601	Coaxial Cable CXT-5 PVC Eca Class A 24VAtC Ø 0.8/3.4/5.0mm White	◎	○	150/750
210603	Coaxial Cable CXT-5 PVC Eca Class B 24VAtC Ø 0.8/3.4/5.0mm White	◎	○	100/500

Ref.	Description			
DIRECT-BURIED CABLES (RG-11)				
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

CXT

CLASS B Dca

▲ 214210

▲ 214211

▲ 213910

◎ Supplied in wrapped coil

▲ CXT-5 (210601)   **CLASS A** Eca

▲ 210603   **CLASS B** Eca

▲ 214001   **CLASS A** Dca
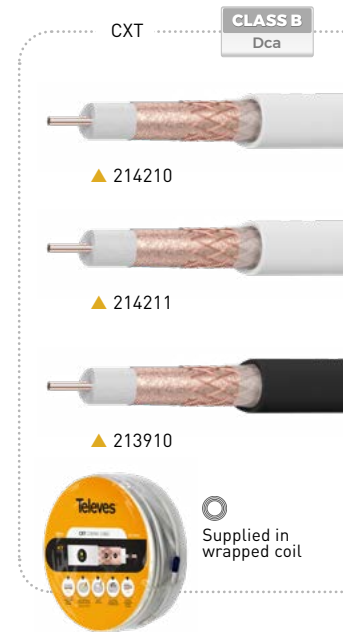
◤ 2120xx (Cable drum not included)

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

References		413910 413911 413912	414901 414902	4138 413801 413802	414002 414003 414004	414801 414802 414803	413501 413502 413503
Model		SK2020plus	SK2015plus	SK2000plus	SK2003plus	SK6Fplus	SK125plus
Shielding		A++	A++	A+	A+	A+	A+
CPR Euroclass		B2ca-s1a,d1,a1	Cca-s1a,d1,a1	Eca	Dca-s2,d2,a2	Eca	Eca
Inner Conductor	Ø mm	1.05	1.05	1.02	1.02	1.02	1.00
	Material	Cu	Cu	Cu	Cu	CCS	Cu
	Res. Max. Ohm/Km	22	22	22	22	110	22
Dielectric	Ø mm	4.7	4.7	4.6	4.6	4.6	4.6
	Material	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	B	B	A	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
2nd 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	LSFH + UV	PVC	LSFH + UV	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 Min. @1GHz	dB	105	105	105	95	95	95
Capacitance	pF/m	54	54	54	54	53	53
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	%	84	84	84	84	82	84
Attenuations (dB/m)							
Frequency (MHz)	5	0.02	0.02	0.02	0.02	0.02	0.02
	47	0.04	0.04	0.05	0.05	0.05	0.05
	54	0.05	0.05	0.05	0.05	0.05	0.05
	90	0.06	0.06	0.06	0.06	0.06	0.06
	200	0.09	0.09	0.09	0.09	0.10	0.09
	500	0.14	0.14	0.14	0.14	0.15	0.14
	698	0.17	0.17	0.17	0.17	0.17	0.16
	800	0.18	0.18	0.18	0.18	0.19	0.18
	862	0.19	0.19	0.19	0.19	0.20	0.19
	950	0.20	0.20	0.20	0.20	0.21	0.20
	1000	0.21	0.21	0.21	0.21	0.22	0.21
	1220	0.23	0.23	0.22	0.23	0.23	0.22
	1350	0.25	0.25	0.25	0.25	0.25	0.25
	1750	0.28	0.28	0.28	0.28	0.29	0.28
	2050	0.30	0.30	0.30	0.30	0.31	0.31
	2150	0.31	0.31	0.31	0.31	0.32	0.32
	2200	0.32	0.32	0.32	0.32	0.33	0.32
	3000	0.36	0.36	0.36	0.36	0.40	0.36

References		413707	413601 413602 413603	214911	214118 214121 214122	212811	214001
Model		SK110plus	SK100plus	TR-165	T-100plus	CXT	1/2"
Shielding		A+	A+	A	A	A	A
CPR Euroclass		Eca	Eca	Dca-s2,d2,a1	Dca-s2,d2,a1	Dca-s2,d2,a1	Dca-s2,d2,a1
Inner Conductor	Ø mm	1.00	1.02	1.63	1.13	1.00	2.70
	Material	Cu	Cu	Cu	Cu	Cu	Cu
	Res. Max. Ohm/Km	22	22	9	20	23	3,2
Dielectric	Ø mm	4.6	4.6	7.2	4.8	4.5	11.5
	Material	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	B	B	D	C	B	C
Braid	Material	CuSn	Al	Cu	Cu	Al	Cu
	Res. Max. Ohm/Km	15	22	7	12	31	7
	Nc x Ns x Ø	16x6x0.1	16x6x0.1	16x8x0.1	16x8x0.1	16x8x0.1	24x8x0.1
	Coverage %	55	60	77	73	79	77
2nd shielding foil		Yes	Yes	No	No	No	No
Anti-migrating Film		No	No	No	Yes	No	No
Petro-Jelly		No	No	Yes	No	No	Yes
Outer sheath	Ø mm	6.7	6.7	10.1	6.6	6.5	15.0
	Material	PVC	PVC	LSFH + UV	LSFH	LSFH	LSFH + UV
Spark Test	VAC	3000	3000	8000	3000	3000	8000
Minimum bending radius	mm	33.5	33.5	50.0	33.0	32.5	75.0
Shielding Min. @1GHz	dB	95	95	85	85	85	85
Capacitance	pF/m	54	53	53	55	54	55
Impedance	Ohm	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
Velocity ratio	%	84	82	84	82	82	82
Attenuations (dB/m)							
Frequency (MHz)	5	0.02	0.02	0.01	0.01	0.01	0.01
	47	0.05	0.05	0.03	0.04	0.04	0.02
	54	0.05	0.05	0.03	0.04	0.05	0.02
	90	0.06	0.06	0.04	0.05	0.06	0.02
	200	0.09	0.09	0.06	0.08	0.09	0.03
	500	0.14	0.14	0.09	0.13	0.14	0.06
	698	0.16	0.16	0.10	0.15	0.17	0.07
	800	0.18	0.18	0.11	0.16	0.19	0.07
	862	0.19	0.19	0.12	0.17	0.19	0.08
	950	0.20	0.20	0.12	0.18	0.20	0.08
	1000	0.21	0.21	0.13	0.19	0.21	0.08
	1220	0.22	0.22	0.14	0.20	0.23	0.09
	1350	0.25	0.25	0.15	0.22	0.25	0.10
	1750	0.28	0.28	0.18	0.25	0.29	0.12
	2050	0.31	0.31	0.19	0.26	0.32	0.13
	2150	0.32	0.32	0.20	0.27	0.33	0.14
	2200	0.32	0.32	0.20	0.28	0.35	0.14
	3000	0.36	0.36	0.24	0.33	0.39	0.16

TV DISTRIBUTION
COAXIAL CABLES AND CONNECTORS

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References			214102 214104	2126 212602	210601	2127 212702 212703	2128 212801
Model			**T-100plus**	**T-100**	**CXT-5**	**CXT-1**	**CXT**
Shielding			**A**	**A**	**A**	**A**	**A**
CPR Euroclass			Eca	Eca	Eca	Eca	Eca
Inner Conductor		Ø mm	1.13	1.13	0.80	1.00	1.00
		Material	Cu	Cu	Cu	CCS	Cu
		Res. Max. Ohm/Km	20	20	37	105	23
Dielectric		Ø mm	4.8	4.7	3.4	4.7	4.5
		Material	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil		Material	C	A	A	B	B
Braid		Material	Cu	Al	TCCAM	Al	Al
		Res. Max. Ohm/Km	12	27	35	30	31
		Nc x Ns x Ø	16x9x0.1	16x8x0.1	16x6x0.1	16x8x0.1	16x8x0.1
		Coverage %	73	77	75	77	79
2nd shielding foil			No	No	No	No	No
Anti-migrating Film			Yes	No	No	No	No
Petro-Jelly			No	No	No	No	No
Outer sheath		Ø mm	6.6	6.6	5.0	6.7	6.5
		Material	PVC	PVC	PVC	PVC	PVC
Spark Test		VAC	3000	3000	3000	3000	3000
Minimum bending radius		mm	33.0	33.0	25.0	33.0	32.5
Shielding Min. @1GHz		dB	85	85	85	85	85
Capacitance		pF/m	55	52	53	54	54
Impedance		Ohm	75	75	75	75	75
Transfer impedance Max. (5-30MHz)		mOhm/m	5.0	5.0	5.0	-	5.0
Velocity ratio		%	82	85	82	82	82
Attenuations (dB/m)							
Frequency (MHz)		5	0.01	0.02	0.02	0.03	0.01
		47	0.04	0.05	0.06	0.05	0.04
		54	0.04	0.05	0.06	0.05	0.05
		90	0.05	0.06	0.07	0.06	0.06
		200	0.08	0.08	0.11	0.09	0.09
		500	0.13	0.14	0.18	0.15	0.14
		698	0.15	0.15	0.21	0.16	0.17
		800	0.16	0.16	0.23	0.17	0.19
		862	0.17	0.17	0.24	0.19	0.19
		950	0.18	0.18	0.24	0.20	0.20
		1000	0.19	0.19	0.25	0.21	0.21
		1220	0.20	0.21	0.28	0.24	0.23
		1350	0.22	0.23	0.30	0.25	0.25
		1750	0.25	0.25	0.34	0.29	0.29
		2050	0.26	0.28	0.37	0.31	0.32
		2150	0.27	0.29	0.38	0.32	0.33
		2200	0.28	0.29	0.39	0.35	0.35
		3000	0.33	0.34	0.45	0.39	0.39

References			215501	212501 212502	213910 214210 214211	210603	2139
Model			**T-100plus**	**T-100**	**CXT**	**CXT-5**	**CXT**
Shielding			**A**	**A**	**B**	**B**	**B**
CPR Euroclass			Fca	Fca	Dca-s2,d2,a2	Eca	Eca
Inner Conductor		Ø mm	1.13	1.13	1.00	0.80	1.00
		Material	Cu	Cu	Cu	Cu	Cu
		Res. Max. Ohm/Km	20	20	23	37	23
Dielectric		Ø mm	4.8	4.7	4.8	3.4	4.8
		Material	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil		Material	C	A	C	A	C
Braid		Material	Cu	Al	CCA	TCCAM	CCA
		Res. Max. Ohm/Km	13	27	35	35	35
		Nc x Ns x Ø	16x8x0.1	16x8x0.1	16x3x0.1	16x4x0.1	16x3x0.1
		Coverage %	73	77	35	55	35
2nd shielding foil			No	No	No	No	No
Anti-migrating Film			Yes	No	Yes	No	No
Petro-Jelly			No	No	No	No	No
Outer sheath		Ø mm	6.6	6.6	6.6	5.0	6.6
		Material	PE	PE	LSFH	PVC	PVC
Spark Test		VAC	3000	3000	3000	3000	3000
Minimum bending radius		mm	33.0	33.0	33.0	25.0	33.0
Shielding Min. @1GHz		dB	85	85	75	75	75
Capacitance		pF/m	55	52	55	53	55
Impedance		Ohm	75	75	75	75	75
Transfer impedance Max. (5-30MHz)		mOhm/m	5.0	5.0	15.0	15.0	15.0
Velocity ratio		%	82	85	82	82	82
Attenuations (dB/m)							
Frequency (MHz)		5	0.01	0.02	0.01	0.02	0.01
		47	0.04	0.05	0.05	0.06	0.05
		54	0.04	0.05	0.05	0.06	0.05
		90	0.05	0.06	0.06	0.07	0.06
		200	0.08	0.08	0.09	0.11	0.09
		500	0.13	0.14	0.14	0.18	0.14
		698	0.15	0.15	0.16	0.22	0.16
		800	0.16	0.16	0.18	0.23	0.18
		862	0.17	0.17	0.19	0.24	0.19
		950	0.18	0.18	0.20	0.25	0.20
		1000	0.19	0.19	0.20	0.25	0.20
		1220	0.20	0.21	0.22	0.29	0.22
		1350	0.22	0.23	0.24	0.30	0.24
		1750	0.25	0.25	0.28	0.34	0.28
		2050	0.26	0.28	0.30	0.37	0.30
		2150	0.27	0.29	0.31	0.38	0.31
		2200	0.28	0.29	0.31	0.40	0.31
		3000	0.33	0.34	0.36	0.45	0.36

Sheath	Enviroment
PVC	Indoor
PE	Outdoor
LSFH	Indoor (Low Smoke Free of Halogen)
LSFH + UV	Indoor/Outdoor (Low Smoke Free of Halogen, UV Resistant)

Over Lapped Foil composition Environment

A Aluminium + Polyester + Aluminium
B Aluminium + Polyester
C Copper + Polyester
D Aluminium + Polypropylene + Aluminium

Other abbreviations

PE	Polyethylene	Cu	Cuivre
PEE	Foam Polyethylene	CCS	Copper Clad Steel
PVC	Polyvinyle Clorhidre	CCA	Copper Clad Aluminium
Al	Aluminium	CuSn	Tinned Copper
		TCCAM	Tinned Copper Clad Aluminium Magnesium

COAXIAL CABLES AND CONNECTORS

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

CLASS A⁺⁺

▲ 3851

CLASS A⁺⁺

▲ 385102

CLASS A⁺⁺

▲ 3858

▲ 435501

▲ 431001

▲ 4311

▲ 4314

TV DISTRIBUTION

COAXIAL CABLES AND CONNECTORS

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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)		1/10
437501	¨PRO EasyF¨ ¨IEC¨ Ø 9.5mm Connector Female Elbowed Class A+ Shielded (Bag B1)		1/10
437601	Set of ¨PRO EasyF¨ ¨IEC¨ Ø 9.5mm Connectors Male & Female Elbowed Class A+ Shielded (Bag B1)		1/10
¨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)		1/10
4305	¨IEC¨ Ø 9.5mm Connector Male Straight (Bag B1)		1/10
4316	Set of ¨IEC¨ Ø 9.5mm Connectors Male & Female Straight (Bag B1)		1/10
437410	¨IEC¨ Ø 9.5mm Connector Male Elbowed Shielded (Bag B1)		1/10
437510	¨IEC¨ Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)		1/10
437610	Set of ¨IEC¨ Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)		1/10
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		25/500
¨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		30/600
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)		1/10
4317	2 ¨F¨ Connectors Threaded with O-ring for T-100 Cable (Bag B1)		1/10
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+
CONECTORS

THE EXCEPTIONAL SCREENING FOR A COAXIAL NETWORK

▲ 413210   ▲ 413310   ▲ 413410

▲ 4130

▲ 4120   ▲ 4122

▲ 3802   ▲ 4104

▲ 4106   ▲ 410901

▲ 417101   ▲ 4127   ▲ 4306

▲ 216401

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)		1/10
4309	Joint Connector for Coaxial Cable (Bag B1)		1/10
TERMINAL LOAD			
4058	Terminal Load "F" 75Ohm without DC Blocked		10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box		200/2000
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4087	Terminal Load "EasyF" 75Ohm with DC Blocked		25
408701	Terminal Load "EasyF" 75Ohm with DC Blocked, Plastic Box		100/1000
ACCESSORIES			
4071	DC Blocker "F"		10
418001	Weatherproof Cap for "F" Compression & Crimp Connectors	●	10/250

Ref.	Description	📦
TOOLS		
FOR COAXIAL CABLE		
2145	Professional Cable Stripper for Coaxial Cable and Data Cable	10
2162	Cable Stripper for Coaxial Cable and Data Cable (Bag B2)	1
2325	Round cable stripper for multifiber cables, data cables and coaxial cables	1
FOR CONNECTORS		
216101	Hex-11 Wrench for "F" Connectors	1/250
216120	Tightening Tool for "F" Connectors	1
216301	Tool for "F" (Refs. 3802/4104/4105/410801) and "IEC" (Refs. 3818/3819) Straight Compression Connectors	1
⭐ 216303	Tool for "F" Elbowed Compression Connectors (Refs. 410701x/410901)	1
⭐ 216304	Tool for "F" Compression Connectors combined with RG-11 Cables (Ref. 4106)	1
216310	Insertion Tool for "F" Compression Connectors	1

▲ 3821

▲ 381730

▲ 4123

▲ 4173

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▲ 4058

▲ 4071

▲ Caja plástica

▲ 2145

▲ 2162

▲ 216301

▲ 216303

▲ 216304

▲ 2325

▲ 216101

▲ 216120

▲ 216310

TV DISTRIBUTION
SET TOP BOXES AND DOMESTIC ACCESSORIES

Ref.	Description	📦
SET TOP BOXES		
SATELLITE TV		
7118	Satellite Digital Set-top Box FTA with Modulator (FreeSat)	1/5

Ref.	Description	📦
MODULATORS		
585301	Modulator DVB-T 1i: HDMI - 1 Mux(174...230/470...862MHz): CODFM (MPEG-4). With 2xUSB, HDMI pass-through and Remote Management	1
5858	Domestic Modulator with Display (VHF/UHF)	1
585915	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1

Ref.	Description	📦
A/V AND IR SENDERS		
WIRELESS A/V AND IR SENDERS		
716701	Digidom Transmitter + Receiver HDMI 5GHz	1/5
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)	●	1/8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	●	1/10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	●	1/10
494504	HDMI Cable Male-Male 1.5m Black	●	100
494505	HDMI Cable Male-Male 1.5m Black (Bag)	●	1/100

▲ 7118

▲ 585301

▲ 5858

▲ 585915

▲ 716701

▲ 494501

TV DISTRIBUTION
PROFESSIONAL EQUIPMENT

Ref.	Description	
FIELD STRENGTH METERS		
H30 SERIES		
H30+ & H30D+		
593901	H30+: DVB-C	1
593902	H30D+: DVB-C + DOCSIS 3.1	1
593905	H30D+ FULL: DVB-C + DVBT/T2 + DOCSIS 3.1 + WiFi Analyzer + IPTV Analyzer + HEVC display (Carrying Case and Coaxial Cable Lead included)	1
H30FLEX		
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
H30Evolution		
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

H30D+

ALL THE FUNCTIONS YOU NEED, ALSO IN CATV CABLE SYSTEMS

The H30D+ is a lightweight, compact and robust equipment that includes a full range of tools and functionalities to successfully perform installation, maintenance and troubleshooting tasks in both analogue networks and digital networks with DVB-C channels. It stands out for incorporating advanced DOCSIS 3.1 measurements, automatic monitoring of the desired channel, double-check connectivity and the information about a QAM channel program content, among other powerful functions.

h30dplus.televes.com

H30FLEX

All the functions you need in your hand

h30flex.televes.com

me.televes.com/h30flex

H30 EVOLUTION

h30evolution.televes.com

me.televes.com/h30evolution

Televes

Ref.	Description	

FIELD STRENGTH METERS

H30 SERIES

H30Crystal

Ref.	Description	
593601	H30Crystal: DVB-S/S2 + DVB-T, F.O. (Smartphone Armband included)	1
593602	H30Crystal: DVB-S/S2 + DVB-T/T2, F.O. (Smartphone Armband included)	1
593603	H30Crystal: DVB-S/S2 + DVB-C, F.O. (Smartphone Armband included)	1
593604	H30Crystal: DVB-S/S2 + DVB-T/T2 + DVB-C, F.O. (Smartphone Armband included)	1
593605	H30Crystal FULL: Full DVB (-S/S2 + -T/T2 + -C), F.O. + IPTV Option + WiFi 2,4/5 GHz Option + Coaxial Cable Lead + Carrying Case (Smartphone Armband included)	1
593621	H30Crystal: DVB-S/S2 + DVB-T, Selective F.O. (Smartphone Armband included)	1
593622	H30Crystal: DVB-S/S2 + DVB-T/T2, Selective F.O. (Smartphone Armband included)	1
593624	H30Crystal: DVB-S/S2 + DVB-T/T2 + DVB-C, Selective F.O. (Smartphone Armband included)	1
593625	H30Crystal FULL: Full DVB (-S/S2 + -T/T2 + -C), Selective F.O. + IPTV Option + WiFi 2,4/5 GHz Option + Coaxial Cable Lead + Carrying Case (Smartphone Armband included)	1

Options

Ref.	Description	
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
593212	Option Advanced API	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

Ref.	Description	
593201	Protective Sleeve	1
593203	Power Supply Unit 12V-3A, All Plugs	1
593205	Ports Protector	1
593239	Carrying Case	1

▲ 593239

▲ 593205

≡ **H30**CRYSTAL

ULTRA HD 4K

ALL THE FUNCTIONS YOU NEED, ALSO IN FIBER OPTICS

The H30Crystal expands H30 series of portable and compact meters by bringing strong efficiency in optic measurements. Its ability to analyse fiber-optic networks, along with all the features of previous models, makes this equipment a versatile and comprehensive tool for today's professional technicians, who are used to working with several telecommunication network technologies.

h30crystal.televes.com

▶ **me**.televes.com/**h30crystal**

		H30FLEX	H30EVOLUTION	H30CRYSTAL
Multi-standard customizable		✓	✓	✓
Frequency range	Return P.: 5-50 MHz	-	-	✓
	Terrestrial: 50-880 MHz	✓	✓	✓
	Satellite: 250-2400 MHz	✓ (up to 2200MHz)	✓	✓
Screen		2.8"TFT 400 - 240 full color	2.8"TFT 400 - 240 full color	2.8"TFT 400 - 240 full color
Multi-screen with touch control on mobile device		-	✓	✓
Smartphone armband		-	✓	✓
Wireless connectivity		-	✓	✓
WiFi analyzator		-	✓ (*)	✓ (*)
IPTV analyzator		-	✓ (*)	✓ (*)
Ethernet interface		✓	✓	✓
USB interface		USB (A-type)	USB (A-type)	USB (A-type)
Optical measures		-	-	✓
Guided satellite pointing		-	✓	✓
LNB Wideband compatible		-	✓	✓
4K - UHD (HEVC) displaying	on the meter	-	-	✓
	on the mobile device	-	✓ (*)	✓
Terrestrial input level to 120dBµV		✓ (**)	✓ (**)	✓ (**)
dCSS compatible		✓ (**)	✓ (**)	✓ (**)
Management interface access (datalogs, channel plan...)		Ethernet cable	Wireless / Ethernet cable	Wireless / Ethernet cable
Dimensions		175x100x52 mm	175x100x52 mm	175x100x52 mm
Weight		510 g.	510 g.	550 g.
Color		Black & White	Black & Grey	Light & dark grey

* According to reference | ** Free activation of the options with the meter registration

TV DISTRIBUTION
PROFESSIONAL EQUIPMENT

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+ (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+ (Carrying Bag included)	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	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

▼ 596214

▼ 596211

▲ 596210

☰ MOSAIQ6

ULTRA HD 4K

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

THE POWER OF USER EXPERIENCE

6 SCREENS IN 1
Thanks to its configurable interface, you choose which widgets (up to 6) you want to simultaneously display in the 8" high resolution screen. Check the installation status at a glance.

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

mosaiq6.televes.com

▶ uk.televes.com/**mosaiq6**

Centralized management of field meters

Mycloud is the measurement portal that centralizes the management of all your MOSAIQ6 meters in Televes cloud through a unique interface accessible from any device.

More information: mycloud.televes.com

TV DISTRIBUTION
PROFESSIONAL EQUIPMENT

Televes

Ref.	Description	📦
SIGNAL GENERATORS		
IF SIMULATOR		
4008	SAT Simulator 950...2150MHz	1
LIGHT SOURCES		
2340	OPS3L Triple Light Source (1310, 1490 & 1550nm)	1
NOISE GENERATOR		
593001	SAT Simulator and Noise Generator 5...3000MHz	1

Ref.	Description	📦
COPPER SOLUTIONS		
NETWORK TESTERS		
⭐ 236780	Mini tester for optical fiber (OPM and VFL) and data cable	1

Ref.	Description	📦
OPTICAL FIBER		
FUSION KITS		
Electric arc splice		
232105	F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Power adapter + 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
MEASURING EQUIPMENT		
⭐ 236780	Mini tester for optical fiber (OPM and VFL) and data cable	1
⭐ 598001	OTDR Basic for Single-mode (SM) 1310-1550 nm Optical Fiber Measurement	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, with 4 working areas	1
2325	Round cable stripper for multifiber cables, data cables and coaxial cables	1
232910	Cleaner for Fiber Optic Connectors	1
ACCESSORIES		
⭐ 230990	Launch armoured fiber Multi-mode (MM) OM4 150m for OTDR measurement. SC/PC - LC/PC	1
⭐ 230991	Launch armoured fiber Multi-mode (MM) OM4 150m for OTDR measurement. SC/PC - SC/PC	1
2327	Splicing Protection Sleeve 60mm for FO fusion	200
232701	Splicing Protection Sleeve 43mm for FO fusion	200
232702	Splicing Protection Enclosure 101mm for FO fusion	100
232710	F.O. Cleanning Kit: 280 Dry Cleaning Wipes + 25 Sticks	1
232753	Dry F.O. Cleaning wipes - 280 pcs/box	1/60
2328	Fiber Mechanical Splice	10
2329	Connector of Fiber Optics "SC/APC" (with mounting tool)	10
⭐ 236190	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - SC/UPC	1
⭐ 236191	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - SC/APC	1
⭐ 236192	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/UPC - LC/APC	1
⭐ 236193	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - LC/APC	1

▲ 4008

▲ 2340

▲ 2341

▲ 232301

▲ 2322

▲ 232105

DATACOM

Networking and structured cabling products and solutions for data networks in commercial, hospitality and residential environments, aimed at the professional installer and integrator.

DATACOM
OPTICAL FIBER

Televes

Ref.	Description		
CABLES AND PATCH-CORDS			
SINGLE-MODE (SM) MULTI-FIBER 9/125MM (G.657.A2)			
Loose tube 250µm			
231414	FK16 Multi-fiber Cable 16 Single-mode Fibers Indoor/Outdoor UV Resistant LSFH Dca	🟠	1
231415	FK16 Multi-fiber Cable 16 Single-mode Fibers Indoor/Outdoor UV-resistant LSFH Dca	◎ 🟠	2000
231614	FK24 Multi-fiber Cable 24 Single-mode Fibers Indoor/Outdoor UV Resistant LSFH Dca	🟠	1
231615	FK24 Multi-fiber Cable 24 Single-mode Fibers Indoor/Outdoor UV-resistant LSFH Dca	◎ 🟠	2000
231714	FK48 Multi-fiber Cable 48 Single-mode Fibers Indoor/Outdoor UV Resistant LSFH Dca	🟠	1
231715	FK48 Multi-fiber Cable 48 Single-mode Fibers Indoor/Outdoor UV-resistant LSFH Dca	◎ 🟠	2000
4 SINGLE-MODE (SM) FIBERS 9/125MM (G.657.A2)			
Loose tube 250µm			
231942	FK4 Fiber Cable 4 single-mode Fibers Indoor LSFH Cca	✹ 🟠	500/1500
2 SINGLE-MODE (SM) FIBERS 9/125MM (G.657.A2)			
Tight buffer 900µm			
231901	FK2 Fiber Cable 2 Single-mode Fibers Indoor LSFH Dca	✹ 🟠	300/1500
231902	FK2 Fiber Cable 2 Single-mode Fibers Indoor LSFH Dca	✹ 🟠	750
231905	FK2 Fiber Cable 2 Single-mode Fibers Indoor LSFH Dca	◎ 🟠	3000
232001	FK2 Fiber Cable 2 Single-mode Fibers Outdoor LSFH UV Resistant Dca	✹ ⚫	200/1000
232002	FK2 Fiber Cable 2 Single-mode Fibers Outdoor LSFH UV Resistant Dca	✹ ⚫	500
232005	FK2 Fiber Cable 2 Single-mode Fibers Outdoor LSFH UV Resistant Dca	◎ ⚫	3000
SINGLE-MODE PATCH CORDS (SM) 9/125MM (G.657.A2)			
With SC/APC connectors			
⭐ 230801	Kit: Pigtail (900µm) F.O.Patch Cords Single-mode Indoor LSFH ¨SC/APC¨ 1m (24 units)	🌈	1
⭐ 230811	Kit: Pigtail (900µm) F.O.Patch Cords Single-mode Indoor LSFH ¨SC/APC¨ 1m (12 units)	🌈	1
232602	F.O.Patch Cord Single-mode Indoor LSFH ¨SC/APC¨ 2m. Convertible to Pigtail (900µm)	⚪	25
232603	Pigtail (900µm) F.O.Patch Cord Single-mode Indoor LSFH ¨SC/APC¨ 1m	⚪	25
232610	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 5m	🟠	1
232611	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 10m	🟠	1
232612	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 15m	🟠	1
232613	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 20m	🟠	1
232614	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 25m	🟠	1
232615	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 30m	🟠	1
232616	F.O.Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 40m	🟠	1
232621	F.O.Patch Cord Single-mode Indoor LSFH ¨SC/APC¨ 2m (Bag B4)	🟠	1/10
232623	F.O.Patch Cord Single-mode Indoor LSFH ¨SC/APC¨ 0.5m (Bag B4)	🟠	1/20
232626	F.O.Patch Cord Single-mode Indoor LSFH ¨SC/APC¨ 1m (Bag B4)	🟠	1/20
⭐ 232635	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 30m	🟠	1
⭐ 232636	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 45m	🟠	1
⭐ 232637	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 50m	🟠	1
⭐ 232638	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 60m	🟠	1
232650	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 5m	🟠	1
232651	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 10m	🟠	1
232652	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 15m	🟠	1
232653	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 20m	🟠	1
232654	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 25m	🟠	1
232655	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 35m	🟠	1
232656	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 40m	🟠	1
232657	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 55m	🟠	1
232658	F.O.Duplex Patch Cord Single-mode Indoor LSFH Dca ¨SC/APC¨ 65m	🟠	1

F.O. CABLES

Loose tube:
Fiber's tight buffer Ø 250µm

▲ 48 Fibers (23171x)

▲ 24 Fibers (23161x)

▲ 16 Fibers (23141x)

▲ 4 Fibers - Indoor (231942)

Tight buffer:
Fiber's tight buffer Ø 900µm

▲ 2 Fibers - Indoor (23190x)
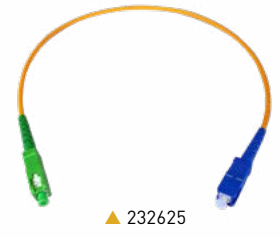
▲ 2 Fibers - Outdoor (23200x)

▲ 230801

▲ 232602

▲ 232603

▲ 232653

▲ 232610

▲ 232635

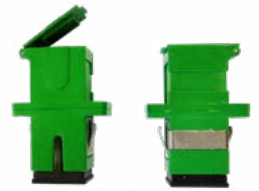| Ref.	Description		
CABLES AND PATCH-CORDS			
SINGLE-MODE PATCH CORDS (SM) 9/125MM (G.657.A2)			
With LC/APC connectors			
230608	Pigtail (900µm) F.O.Patch Cord Single-mode Indoor LSFH ˝LC/APC˝ 1m	🟡	1
230680	F.O.Duplex Patch Cord Single-mode Indoor LSFH ˝LC/APC˝ 0,5m	🟡	1
230681	F.O.Duplex Patch Cord Single-mode Indoor LSFH ˝LC/APC˝ 1m	🟡	1
230802	Kit: Pigtail (900µm) F.O.Patch Cords Single-mode Indoor LSFH ˝LC/APC˝ 1m (24 units)	🌈	1
230812	Kit: Pigtail (900µm) F.O.Patch Cords Single-mode Indoor LSFH ˝LC/APC˝ 1m (12 units)	🌈	1
232680	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC˝ 0.5m	🟡	1
232681	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC˝ 1m	🟡	1
232682	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC˝ 2m	🟡	1
232683	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC˝ 3m	🟡	1
With LC/UPC connectors			
230609	Pigtail (900µm) F.O.Patch Cord Single-mode Indoor LSFH ˝LC/UPC˝ 1m	⚪	1
232662	F.O.Duplex Patch Cord Single-mode Indoor LSFH ˝LC/UPC˝ 2m	🟡	1
232672	F.O.Patch Cord Single-mode Indoor LSFH ˝LC/UPC˝ 2m	🟡	1
With FC/UPC connectors			
236102	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 10m	⚫	1
236103	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 20m	⚫	1
236105	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 40m	⚫	1
236106	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 50m	⚫	1
236107	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 75m	⚫	1
236108	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 100m	⚫	1
236110	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝FC/UPC˝ 1m	⚫	1
Adapter cords			
232622	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC-SC/UPC˝ 0.2m	🟡	1/5
232624	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC-FC/UPC˝ 2m (Bag B4)	🟡	1/10
232625	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC-SC/UPC˝ 0.4m	🟡	1
232627	F.O.Patch Cord Single-mode Indoor LSFH ˝SC/APC-LC/UPC˝ 2m	🟡	1
232628	F.O.Patch Cord Single-mode Indoor LSFH ˝LC/APC-SC/APC˝ 2m	🟡	1
236121	F.O.Patch Cord Armoured Single-mode Outdoor LSFH UV Resistant ˝SC/APC-FC/UPC˝ 1m	⚫	1
MULTI-MODE PATCH CORDS (MM) 50/125MM (G.651.1)			
With SC/PC connectors			
230901	Pigtail (900µm) F.O.Patch Cord Multi-mode OM3 Indoor LSFH ˝SC/PC˝ 2m	🔵	1
230911	Pigtail (900µm) F.O.Patch Cord Multi-mode OM4 Indoor LSFH ˝SC/PC˝ 2m	🟣	1
230920	F.O. Duplex Patch Cord Multi-mode OM3 Indoor LSFH ˝SC/PC˝ 2m	🔵	1
230930	F.O. Duplex Patch Cord Multi-mode OM4 Indoor LSFH ˝SC/PC˝ 2m	🟣	1
With LC/PC connectors			
230601	F.O.Patch Cord Multi-mode OM3 Indoor LSFH ˝LC/PC˝ 2m. Convertible to Pigtail (900µm)	🔵	1
230622	F.O.Duplex Patch Cord Multi-mode OM3 Indoor LSFH ˝LC/PC˝ 2m	🔵	1
230912	Pigtail (900µm) F.O.Patch Cord Multi-mode OM4 Indoor LSFH ˝LC/PC˝ 2m	🟣	1
230932	F.O.Duplex Patch Cord Multi-mode OM4 Indoor LSFH LC/PC 2m	🟣	1
Adapter cords			
230921	F.O.Duplex Patch Cord Multi-mode OM3 Indoor LSFH ˝LC/PC-SC/PC˝ 2m	🔵	1
230931	F.O.Duplex Patch Cord Multi-mode OM4 Indoor LSFH ˝LC/PC-SC/PC˝ 2m	🟣	1

▲ 230681

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DATACOM
OPTICAL FIBER

Televes

Ref.	Description		
CABLES AND PATCH-CORDS			
ACCESSORIES			
Adapters			
233203	Simplex F.O. Adapter Single-Mode (SM) "SC" Female – "SC" Female, with Auto-blocking Cap, Plastic Box	🟢	25
233205	Simplex F.O. Adapter Single-Mode (SM) "SC" Female – "SC" Female, with Internal Shutter, Plastic Box	🟢	30
233210	Duplex F.O. Adapter Single-Mode (SM) "SC" Female – "SC" Female, with Auto-blocking Cap	🟢	20/1000
233211	Duplex F.O. Adapter Multi-mode (MM) "SC" Female - "SC" Female, Plastic Box	⚪	20
233212	Duplex F.O. Adapter Single-Mode (SM) "LC" Female - "LC" Female, Plastic Box	🔵	25
233213	Duplex F.O. Adapter Multi-mode (MM) "LC" Female - "LC" Female, Plastic Box	⚪	25
⭐ 233214	Duplex F.O. Adapter Single-Mode (SM) "LC" Female - "LC" Female, with Auto-blocking Cap, Plastic Box	🟢	25
⭐ 233215	Quad F.O. Adapter Single-Mode (SM) "LC" Female - "LC" Female, with Auto-blocking Cap, Plastic Box	🟢	25
⭐ 233216	Duplex F.O. Adapter Single-Mode (SM) "LC" Female - "LC" Female, Plastic Box	🟢	25
2354	Simplex F.O. Adapter Single-Mode (SM) "FC" Female – "FC" Female		5
2356	Simplex F.O. Adapter Single-Mode (SM) "FC" Female – "SC" Female		5
Connectors			
2329	Connector of Fiber Optics "SC/APC" (with mounting tool)		10
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: 20mm, Black (2 units)	⚫	1
200102	Velcro Flange for Cables, Width: 15mm, Black (10 units)	⚫	1

▲ 233203

▲ 233205

▲ 233210

▲ 233211

▲ 233213

▲ 233212

▲ 2356

▲ 233214

▲ 233215

▲ 233216

Cable not included

▲ 200101

Cable not included

▲ 200102

▲ 2354

OPTICAL FIBER

Ref.	Description	📥
OPTICAL DISTRIBUTION		
PATCH BOXES		
Without optical fiber		
231502	F.O. Patch/Splitting Box 2 to 4 Outs (2x"SC/APC" Female - Female Simplex adapters included)	1
With Dca optical fiber		
231520	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 15m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231521	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 25m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231522	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 40m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231523	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 55m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231524	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 70m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231525	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 85m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231526	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 100m on one end with dispenser box (2x"SC/APC" Female - Female Simplex adapters included)	1
231540	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 15m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231541	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 25m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231542	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 40m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231543	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 55m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231544	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 65m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231545	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 75m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231546	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 85m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231547	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 100m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231548	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 10m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231549	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 20m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231550	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 30m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
231551	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 35m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
★ 231552	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 45m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
★ 231553	F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 50m on one end (2x"SC/APC" Female - Female Simplex adapters included)	1
With Cca optical fiber		
231530	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 15m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231531	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 25m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231532	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 40m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231533	F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 55m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231534	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 70m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231535	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 85m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
231536	F.O. Patch Box 4 Outs: 4 Pre-terminated Cca Fibers of 100m on one end with dispenser box (4x"SC/APC" Female - Female Simplex adapters included)	1
OUTLETS/KEYSTONES		
209911	Terminal Box for 1 RJ45 Connector or F.O. Keystone Module	5
233230	Keystone Module for F.O. Adapter "SC" Simplex or "LC" Duplex Female, Plastic Box	25/250
233231	F.O. Outlet: Keystone Module + Adapter "SC / APC" Female with Internal Shutter, Plastic Box	20/200
233232	F.O. Terminal Box+ Simplex Adapter "SC/APC" Female with Internal Shutter	5
233240	F.O. Outlet Kit:Keystone Module + Adapter "SC / APC" Female with Internal Shutter + Patch Cord Single-mode Pre-terminated LSFH Dca 10m	10
233241	F.O. Outlet Kit:Keystone Module + Adapter "SC / APC" Female with Internal Shutter + Patch Cord Single-mode Pre-terminated LSFH Dca 15m	8
233242	F.O. Outlet Kit:Keystone Module + Adapter "SC / APC" Female with Internal Shutter + Patch Cord Single-mode Pre-terminated LSFH Dca 25m	6
★ 233243	F.O. Outlet Kit:Keystone Module + Adapter "SC / APC" Female with Internal Shutter + Patch Cord Single-mode Pre-terminated LSFH Dca 20m	6

▲ 23152x / 23153x

▲ 23154x/23155x
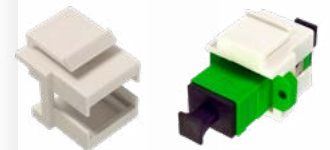
▲ 233230   ▲ 233231

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▲ 209911

DATACOM
OPTICAL FIBER

Ref.	Description	⊟
OPTICAL DISTRIBUTION		
SPLITTERS		
SC/APC connection		
233710	Optical Splitter 1250...1650nm ˝SC/APC˝ 2W 4dB	1/10
233910	Optical Splitter 1250...1650nm ˝SC/APC˝ 4W 7dB	1/10
234410	Optical Splitter 1250...1650nm ˝SC/APC˝ 8W 10dB	1
234510	Optical Splitter 1250...1650nm ˝SC/APC˝ 16W 14dB	1
234610	Optical Splitter 1250...1650nm ˝SC/APC˝ 32W 17dB	1
FC/UPC connection		
235701	Optical Splitter 1250...1650nm ˝FC/UPC˝ 2W 4dB	1
235901	Optical Splitter 1250...1650nm ˝FC/UPC˝ 4W 7dB	1
236001	Optical Splitter 1250...1650nm ˝FC/UPC˝ 8W 10.1dB	1
SPLITTERS (PLC)		
233750	Optical Splitter, PLC Component, 1260...1650nm ˝SC/APC˝ 2W 4dB	1
233950	Optical Splitter, PLC Component, 1260...1650nm ˝SC/APC˝ 4W 7dB	1
234450	Optical Splitter, PLC Component, 1260...1650nm ˝SC/APC˝ 8W 10dB	1
234550	Optical Splitter, PLC Component, 1260...1650nm ˝SC/APC˝ 16W 14dB	1
234650	Optical Splitter, PLC Component, 1260...1650nm ˝SC/APC˝ 32W 17dB	1
ATTENUATTORS		
SC/APC connection		
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
236413	Optical Attenuator 1310/1550nm ˝SC/APC˝ 15dB	1
FC/UPC connection		
2364	Optical Attenuator 1310/1550nm ˝FC/UPC˝ 5dB	1
2365	Optical Attenuator 1310/1550nm ˝FC/UPC˝ 10dB	1
2366	Optical Attenuator 1310/1550nm ˝FC/UPC˝ 15dB	1
MULTIPLEXERS (WDM)		
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o ˝SC/APC˝: GPON+RF: Data (1310/1490nm) - TV (1550nm)	1

▲ 233910

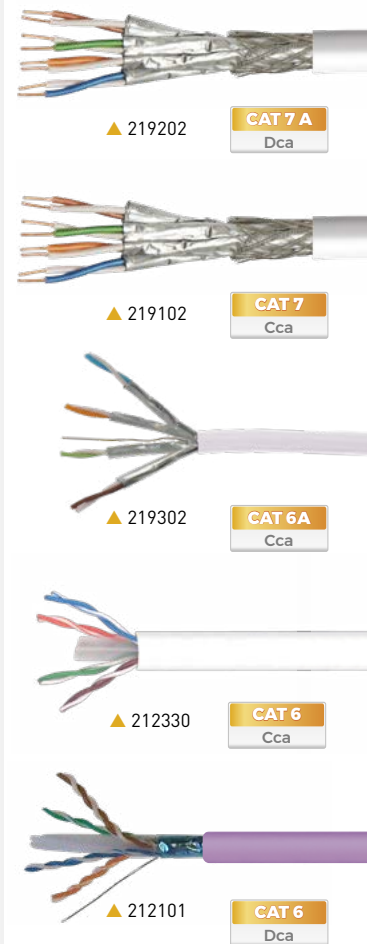
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DATACOM
COPPER SOLUTIONS

Ref.	Description			
CABLES AND PATCH-CORDS				
DATA CABLES				
Category 7A: Copper				
219202	Data Cable DK7000A S/FTP Cat 7A Dca Cu 23AWG LSFH Ø 7,7mm White	◉	○	500
Category 7: Copper				
219102	Data Cable DK7000 S/FTP Cat 7 Cca Cu 23AWG LSFH Ø 7,4mm White	◉	○	500
Category 6A: Copper				
219302	Data Cable DK6000A U/FTP Cat 6A Cca Cu 23AWG LSFH Ø 6,9mm White	◉	○	500
219312	Data Cable DK6000A U/UTP Cat 6A Cca Cu 23AWG LSFH Ø 7,3mm Violet	◉	●	500
219322	Data Cable DK6000A F/UTP Cat 6A Dca Cu 23AWG LSFH Ø 7,3mm Violet	◉	●	500
Category 6: Copper				
212101	Data Cable DK6000 F/UTP Cat 6 Dca Cu 23AWG LSFH Ø 7,2mm Violet	◉	●	500
212201	Data Cable DK6000 U/UTP Cat 6 Fca Cu 24AWG PE Ø 6,2mm Black	▣	●	305
2123	Data Cable DK6000 U/UTP Cat 6 Dca Cu 23AWG LSFH Ø 6,2mm Violet	▣	●	305
212302	Data Cable DK6000 U/UTP Cat 6 Dca Cu 23AWG LSFH Ø 6,2mm Violet	◉	●	1000
212305	Data Cable DK6000 U/UTP Cat 6 Dca Cu 23AWG LSFH Ø 6,2mm White	◉	○	500
212310	Data Cable DK6000 U/UTP Cat 6 Dca Cu 24AWG LSFH Ø 6,0mm White	▣	○	305
212330	Data Cable DK6000 U/UTP Cat 6 Cca Cu 23AWG LSFH Ø 6,1mm White	◉	○	305
2199	Data Cable DK6000 U/UTP Cat 6 Eca Cu 23AWG PVC Ø 6,2mm White	▣	○	305
Category 6: Copper Clad Aluminium (CCA)				
219901	Data Cable DK6000 U/UTP Cat 6 Fca CCA 23AWG PVC Ø 6,2mm White	▣	○	305

▲ 219202 — CAT 7 A Dca

▲ 219102 — CAT 7 Cca

▲ 219302 — CAT 6A Cca

▲ 212330 — CAT 6 Cca

▲ 212101 — CAT 6 Dca

▣ Supplied in dispenser box (EasyBox)

References		219202	219102	219302	219312	219322	212330	212101	2123 212302 212305	212310	2199	212201	219901
Model		DK7000A	DK7000	DK6000A	DK6000A	DK6000A	DK6000	DK6000	DK6000	DK6000	DK6000	DK6000	DK6000
Shielding type		S/FTP	S/FTP	U/FTP	U/UTP	F/UTP	U/UTP	F/UTP	U/UTP	U/UTP	U/UTP	U/UTP	U/UTP
Category		7A	7	6A	6A	6A	6	6	6	6	6	6	6
CPR Euroclass		Dca-s1a,d2,a1	Cca-s1a,d1,a1	Cca-s1a,d1,a1	Cca-s1a,d1,a1	Dca-s2,d2,a1	Cca-s1a,d1,a1	Dca-s2,d2,a1	Dca-s2,d2,a1	Dca-s2,d2,a1	Eca	Fca	Fca
Transmission bandwidth	MHz	1500	1000	650	650	650	250	250	400	250	250	250	250
Transfer rate	Gbps	10	10	10	10	10	1	1	1	1	1	1	1
Conductor	Ø mm	0.58	0.55	0.55	0.55	0.55	0.54	0.55	0.55	0.51	0.55	0.51	0.585
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	CCA
Conductor Type	AWG	23	23	23	23	23	23	23	23	24	23	24	23
Conductor isolation	Ø mm	1.43	1.30	1.30	1.10	1.14	0.99	1.14	1.02	0.92	0.95	0.95	0.95
	Material	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE
Filler	Crucifix	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shielding foil	Material	A	A	A	No	A	No	A	No	No	No	No	No
Outer shielding braid	Material	CuSn	CuSn	No	No	No	No	No	No	No	No	No	No
Ground cable	Ø mm	No	No	0.4	No	0.4	No	No	No	No	No	No	No
	Material	No	No	CuSn	No	CuSn	No	No	No	No	No	No	No
Outer sheath	Ø mm	7.70	7.40	6.90	7.30	7.30	6.10	7.20	6.20	6.00	6.20	6.20	6.20
	Material	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	PVC	PE	PVC
	Thickness (mm)	0.70	0.70	0.70	0.50	0.50	0.60	0.60	0.50	0.52	0.50	0.55	0.50
Rip cord		No	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	3000
Nominal impedance	Ohm	100	100	100	100	100	100	100	100	100	100	100	100
Max. conductor resistance	Ohm/100m	9.38	9.38	9.38	9.38	9.38	9.38	9.38	9.38	9.38	9.38	9.38	9.38
Nominal speed	%	79	79	79	72	72	72	72	72	72	72	72	72

Shielding type			
U/UTP	Unfoiled	U/FTP	Foiled pairs
F/UTP	Foiled cable	S/FTP	Foiled pairs and foiled cable

Over Lapped Foil composition Environment	
A	Aluminium + Polyester

Other abbreviations			
Cu	Copper	CuSn	Tinned copper
PE	Polyethylene	LSFH	Low Smoke Free of Halogen
CCA	Copper Clad Aluminium		

DATACOM
COPPER SOLUTIONS

Televes

Ref.	Description		
CABLES AND PATCH-CORDS			
PATCH-CORDS			
Category 6A			
209101	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.5m Grey (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
209111	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.5m Grey	●	10
209112	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey	●	10
209113	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey	●	10
209114	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey	●	10
209115	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey	●	10
Category 6			
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 LSFH 0,5m White	○	10
209012	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 1m White	○	10
209013	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 2m White	○	10
209014	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 3m 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
209021	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,5m Blue	●	1
209022	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 1m Blue	●	1
209023	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 2m Blue	●	1
209031	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,5m Green	●	1
209032	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 1m Green	●	1
209033	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 2m Green	●	1
209041	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,5m Red	●	1
209042	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 1m Red	●	1
209043	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 2m Red	●	1
209301	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,3m White	○	1
ACCESSORIES			
200101	Velcro Tape for Cables 8m, Width: 20mm, Black (2 units)	●	1
200102	Velcro Flange for Cables, Width: 15mm, Black (10 units)	●	1

▲ 209101

▲ 209111

▲ 209004

▲ 209018

Cable not included

▲ 200102

Cable not included

▲ 200101

▲ 209023

▲ 209033

▲ 209043

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DATACOM
COPPER SOLUTIONS

Ref.	Description		
CONNECTORS			
CATEGORY 6A			
209501	Keystone Module RJ45 FTP Cat 6A Female. Grip assembly type, with DIN rail holder		20
209921	Data Connector RJ45 UTP Cat 6A Female. Wing-nut assembly type, White, Plastic Box	○	10
209922	Data Connector RJ45 UTP Cat 6A Male, Plastic Box		50
209923	Data Connector RJ45 FTP Cat 6A Female. Grip assembly type, Plastic Box		10
209924	Data Connector RJ45 FTP Cat 6A Male with Blue Protective Sleeve. Grip assembly type	●	25
209925	Data Connector RJ45 UTP Cat 6A Female. Wing-nut assembly type, Black, Plastic Box	●	10
⭐ 209926	Data Connector RJ45 UTP Cat 6A Female 90º/180º. Assembly with/without Tool, White, Plastic Box	○	15
⭐ 209929	Data Connector RJ45 FTP Cat 6A Female. Grip assembly type, Extra Small for Keystone outlet		10/100
CATEGORY 6			
209901	Data Connector RJ45 UTP Cat 6 Female 90º/180º. Assembly with/without Tool, White, Plastic Box	○	15
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box		50
209903	Data Connector RJ45 FTP Cat 6 Female. Grip assembly type, Plastic Box		10
209904	Data Connector RJ45 FTP Cat 6 Male, Plastic Box		50
209905	Data Connector RJ45 UTP Cat 6 Female. Wing-nut assembly type, Plastic Box		10
209906	Data Connector RJ45 UTP Cat 6 Male Pass-Through, Plastic Box		50
209907	Data Connector RJ45 UTP Cat 6 Female 90º/180º. Assembly with/without Tool, Black, Plastic Box	●	15
209961	Data Connector RJ45 UTP Cat 6 Male with White Protective Sleeve, Plastic Box	○	25
209962	Data Connector RJ45 UTP Cat 6 Male with Grey Protective Sleeve, Plastic Box	●	25
209965	Data Connector RJ45 UTP Cat 6 Male Pass-Through with White Protective Sleeve, Plastic Box	○	25
209966	Data Connector RJ45 UTP Cat 6 Male Pass-Through with Grey Protective 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), 1xCrimping tool (ref. 209801) and 10xVelcros flange (ref. 200102)		1
209402	Kit – Carrying case which includes:150xRJ45 UTP Cat6 Male connectors pass through (ref. 209906) with white protective sleeve, 1xAutomatic Crimping tool (ref. 209802) and 10xVelcros flange (ref. 200102)		1

Ref.	Description	
TOOLS		
209801	Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors	1
209802	Crimping Tool with Automatic Cutting for pass-through and non-pass through RJ45 Male Connectors	1
209811	Termination Tool for RJ45 Female Connectors	1
2145	Professional Cable Stripper for Coaxial Cable and Data Cable	10
2162	Cable Stripper for Coaxial Cable and Data Cable (Bag B2)	1
2174	Professional Tool for Data Cable Mounting	1/20
2325	Round cable stripper for multifiber cables, data cables and coaxial cables	1

Ref.	Description	
DATA DISTRIBUTION		
PATCH BOXES		
546501	Passive Multiplexer "RJ45" Cat 6 1 Male - 9 Females, with 0.3m LSFH Lead	1
OUTLETS		
209530	Face Plate White for Data/Phone Outlet 45x45mm	25
209531	Face Plate White for 2 Data/Phone Outlets 45x45mm	25
209910	Data Terminal Box with 1 UTP Cat 6 Female RJ45 Connector	5
209911	Terminal Box for 1 RJ45 Connector or F.O. Keystone Module	5

▲ 209501
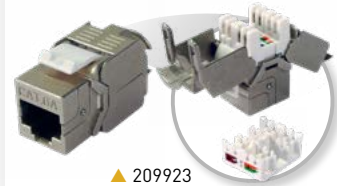
▲ 209923

▲ 209926

▲ 209924   ▲ 209904

▲ 209906
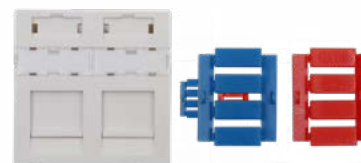

▲ 209925   ▲ 209907

▲ 209802

▲ 209965

▲ 209910

▲ 209811

▲ 209966

▲ 209531

◣ 209401

DATACOM
RACKS AND CABINETS

Televes

Ref.	Description	
19" RACKS		
RACKS		
600x450mm		
533105	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (Disassembled)	1
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount	1
533107	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (Disassembled)	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount	1
533112	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (Disassembled)	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount	1
533114	19" Rack Cabinet 15RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x771x450mm. Wall/Ground Mount (Disassembled)	1
533115	19" Rack Cabinet 15RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x771x450mm. Wall/Ground Mount	1
600x600mm		
533116	19" Rack Cabinet 15RU (+2RU extra). Glazed Door and Accessible from the side. Dimensions: 600x771x600mm. Wall/Ground Mount	1
533118	19" Rack Cabinet 18RU. Glazed Door and Accessible from the side. Dimensions: 600x942x600mm. Ground Mount	1
533122	19" Rack Cabinet 22RU. Glazed Door and Accessible from the side. Dimensions: 600x1120x600mm. Ground Mount	1
533127	19" Rack Cabinet 27RU. Glazed Door and Accessible from the side. Dimensions: 600x1342x600mm. Ground Mount	1
533132	19" Rack Cabinet 32RU. Glazed Door and Accessible from the side. Dimensions: 600x1564x600mm. Ground Mount	1
533137	19" Rack Cabinet 37RU. Glazed Door and Accessible from the side. Dimensions: 600x1787x600mm. Ground Mount	1
600x800mm		
533139	19" Rack Cabinet 37RU. Glazed Door and Accessible from the side. Dimensions: 600x1790x800mm. Ground Mount	1
533142	19" Rack Cabinet 42RU. Glazed Door and Accessible from the side. Dimensions: 600x2010x800mm. Ground Mount	1

▲ 533105/06

▲ 533107/08

▲ 533114/15

▲ 533118

▲ 533127

In case of references that are supplied disassembled

▲ 533112/13

57

Ref.	Description	
19" RACKS		
RACKS		
800x800mm		
⭐ 533128	19" Rack Cabinet 27RU. Glazed Door and Accessible from the side. Dimensions: 800x1303x800mm. Ground Mount	1
533144	19" Rack Cabinet 42RU. Glazed Door and Accessible from the side. Dimensions: 800x2010x800mm. Ground Mount	1
533145	19" Rack Cabinet 42RU. Perforated doors (double front, single rear) and Accessible from the side. Dimensions: 800x2010x800mm. Ground Mount	1
800x1000mm		
533146	19" Rack Cabinet 42RU. Perforated doors (double front, single rear) and Accessible from the side. Dimensions: 800x2010x1000mm. Ground Mount	1
533147	19" Rack Cabinet 42RU. Glazed Door and Accessible from the side. Dimensions: 800x2010x1000mm. Ground Mount	1

▲ 533146

REF.	DIMENSIONS	N.º RU	MOUNTING	Max. LOAD CAPACITY (kg)	SUPPLY	LOCK	CABLE GUIDE	WHEEL COMPATIBLE	COMPATIBLE FAN
533105	600x450 mm	6U + 2U	Wall and ground	60	Disassembled	Basic, Front	Horizontal	-	533174
533106	600x450 mm	6U + 2U	Wall and ground	60	Assembled	Basic, Front	Horizontal	-	533174
533107	600x450 mm	8U + 2U	Wall and ground	60	Disassembled	Basic, Front	Horizontal	-	533174
533108	600x450 mm	8U + 2U	Wall and ground	60	Assembled	Basic, Front	Horizontal	-	533174
533112	600x450 mm	13U + 2U	Wall and ground	60	Disassembled	Basic, Front	Horizontal	-	533174
533113	600x450 mm	13U + 2U	Wall and ground	60	Assembled	Basic, Front	Horizontal	-	533174
533114	600x450 mm	15U + 2U	Wall and ground	60	Disassembled	Basic, Front	Horizontal	-	533174
533115	600x450 mm	15U + 2U	Wall and ground	60	Assembled	Basic, Front	Horizontal	-	533174
533116	600x600 mm	15U + 2U	Wall and ground	60	Assembled	Basic, Front	Horizontal	-	533174
533118	600x600 mm	18U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533175
533122	600x600 mm	22U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533175
533127	600x600 mm	27U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533175
533132	600x600 mm	32U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533175
533137	600x600 mm	37U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533175
533139	600x800 mm	37U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533176
533142	600x800 mm	42U	Ground	1.000	Assembled	Professional, Front and Rear	-	✓	533176
533128	800x800 mm	27U	Ground	1.000	Assembled	Professional, Front and Rear	Vertical	✓	533176
533144	800x800 mm	42U	Ground	1.000	Assembled	Professional, Front and Rear	Vertical	✓	533176
533145*	800x800 mm	42U	Ground	1.000	Assembled	Professional, Front and Rear	Vertical	✓	533176
533146*	800x1000 mm	42U	Ground	1.000	Assembled	Professional, Front and Rear	Vertical	✓	533176
533147	800x1000 mm	42U	Ground	1.000	Assembled	Professional, Front and Rear	Vertical	✓	533176

CE Marking | IP20 Code | RAL 9004 / * Perforated doors

DATACOM
RACKS AND CABINETS

Televes

Ref.	Description	
19" RACKS		
PANELS		
Patch panels		
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors. UTP compatible	1
533153	Panel for Rack 19" 1RU, Up to 2x7 "F" connectors (suitable for T.0X modules)	1
533180	Patch Panel for Rack 19" 1RU, With 24 "RJ45" Cat 6 UTP connectors	1
533181	Patch Panel for Rack 19" 1RU, With 24 "RJ45" Cat 6A FTP connectors	1
533183	Panel for Rack 19" 1RU, Up to 24 "SC" Duplex or "LC" Quad connectors	1
533187	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors with cable holder. UTP/FTP compatible	1
533230	Panel for Rack 19" 1RU, Up to 26 "F" connectors	1
Organizing panels		
533158	Cable Management Panel for Rack 19" 1RU, 5 Rings of 80mm	1
533159	Cable Management Panel for Rack 19" 1RU, 1 Hole with Brush Strip and Rear Support	1
533160	Cable Management Panel for Rack 19" 1RU, Front Cover	1
533186	DIN Rail Panel for Rack 19" 3RU, 24 Poles	1
Blank panels		
533161	Blank Panel for Rack 19" 1RU	1
533162	Blank Panel for Rack 19" 2RU	1
TRAYS AND SPLICE BOXES		
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" Simplex or "LC" Duplex connectors (Depth 226mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" Simplex or "LC" Duplex connectors (Depth 226mm)	1
533168	Sliding Tray for Rack 19" 1RU (compatible with 450/600mm deep racks). Depth: 350mm. Sliding length: 225mm	1
533169	Sliding Tray for Rack 19" 1U (compatible with 800/1000mm deep racks). Depth: 550mm. Sliding length: 390mm	1
533182	Splice Box for Rack 19" 1RU, Up to 24 "SC" Duplex or "LC" Quad connectors (Depth 226mm)	1
533185	Fixed tray for Rack 19" 2RU (Depth 350mm)	1
533201	LGX rack mount for Rack 19'' 1RU, Up to 3 LGX modules	1
VENTILATION		
533005	Thermostat with NO Contact 0...60ºC for Rack 19"	1
533174	Individual Top Fan for Rack 19", 195m3/h	1
533175	Top Tray with 2 Fans for Rack 19" and 600mm depth, 390m3/h	1
533176	Top Tray with 4 Fans for Rack 19" and 800mm or 1000mm depth, 780m3/h	1

▲ 533181

▲ 533183

▲ 533187

▲ 533230

▲ 533158

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▲ 533157

DATACOM
RACKS AND CABINETS

Ref.	Description	
19" RACKS		
POWER SUPPLY		
533001	Power Distribution Unit for Rack 19'' 1RU, 8 Schuko Outlets 16A with ON/OFF switch	1
533002	Power Distribution Unit for Rack 19'' 1RU, 6 Schuko Outlets 16A with magneto-thermal circuit breaker	1
533003	Power Distribution Unit for Rack 19'' 1RU, 8 IEC C13 Outlets 16A with ON/OFF switch	1
533010	SAI/UPS 1600VA/1000W ECO 8 IEC C13 Outputs	1
533011	19" Rack Support for UPS (Ref.533010), 2U	1
ACCESSORIES		
533166	Vertical Cable Organizer for Rack 19" 27RU, 6 Rings, 94x1170x70mm	1
533167	Vertical Cable Organizer for Rack 19" 42RU, 9 Rings, 95x1840x70mm	1
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units). Plastic Box	1
533171	Kit for Rack 19": 4 Wheels and Screws. Wheels compatible with 18U racks or larger.	1
533172	Rubber cap for splice box - "SC" Simplex or "LC" Duplex	24
533173	Side door lock for 19" Rack, with 2 keys	1
533177	Set of 2 Keys for 19" Rack Front Door (Compatible with Wall and Floor Mounting Rack)	1
533178	Set of 2 Keys for 19" Rack Front Door (Compatible with Floor Mounting Rack)	1
533401	Plinth for Rack 19" 800x800mm	1
533402	Plinth for Rack 19" 800x1000mm	1

Ref.	Description	
10" RACKS		
RACKS		
533104	10" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accessible from the side. 1 rack tray and 1 panel up to 12 "RJ45" connectors included. Dimensions: 350x371x300mm. Wall/Ground Mount	1
546601	10" Rack Cabinet 7RU. Steel Door, Upper and bottom openings. 2 panels up to 24 "RJ45" connectors each included. Dimensions: 300x340x265mm. Wall/Ground Mount	1
PANELS		
533192	Panel for Rack 10" 1RU, Up to 12 "RJ45" connectors	1

Ref.	Description	
RACK FRAMES		
533101	Rack frame from 10" to 19" 8RU. Wall or perforated plate installation	1

▲ 533166   ▲ 533167

▲ 533170

▲ 533171

▲ 533178

▲ 533402

▲ 533001

▲ 533002

▲ 533003

▲ 533192

▲ 546601

▲ 533104

10"-19"
▲ 533101
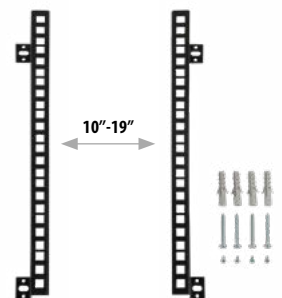
DATACOM
RACKS AND CABINETS

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	1/15
589401	Perforated Mounting Plate 400x400mm, Distance from the wall 19mm	1/15
589402	Perforated Mounting Plate 400x600mm, Distance from the wall 19mm	1/10

Ref.	Description	📦
ENCLOSURES		
FIBER SPLITTING ENCLOSURES		
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 48 fibers)	1
231303	Splitting Terminal Enclosure for F.O., Indoor and Outdoor (Up to 24 fibers)	1
231304	Ultra-Compact Splitting Terminal Enclosure for F.O., Indoor (Up to 12 fibers)	1
231305	Extension Frame for Ultra-Compact Splitting Terminal Enclosure for F.O.(+12 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˝ Simplex or ˝LC˝ Duplex connectors)	1
233003	Stackable Main Enclosure for F.O., Indoor (Up to 48 ˝SC˝ Simplex or ˝LC˝ Duplex connectors), Steel	1
233004	Stackable Main Enclosure for F.O., Indoor (Up to 48 ˝SC˝ Simplex or ˝LC˝ Duplex connectors), ABS	1
⭐ 233102	Splitting Enclosure for F.O., Indoor, DIN rail Installation (Up to 12 fibers and 8 ˝SC˝ Simplex or 6 ˝LC˝ Duplex connectors)	1
NETWORK ENCLOSURES		
546610	Open Main Terminal Panel for Data/Coaxial/Fiber Distribution (Up to 24 connections)	1
546701	Data/Coaxial/Fiber Network Terminal Enclosure with Flexible Front Frame	1
546702	Data/Coaxial/Fiber Network Terminal Enclosure	1
546801	Network Enclosure for Data/Coax/Fiber (450x450x150)	1
ACCESSORIES		
233013	F.O. Organizer up to 24 fusions for Splitting Enclosures (compatible with ref.233003)	1
233230	Keystone Module for F.O. Adapter ˝SC˝ Simplex or ˝LC˝ Duplex Female, Plastic Box	25/250
233231	F.O. Outlet: Keystone Module + Adapter ˝SC / APC˝ Female with Internal Shutter, Plastic Box	20/200
546620	Coaxial Adapter Support ˝F˝ Female - ˝F˝ Female, for Panels (Refs. 546602 and 546610)	10

▲ 5893

▲ 231303

▲ 231304

⭐

▲ 233102

▲ 233003

▲ 233004

HDMI DISTRIBUTION

Ref.	Description	🖱	📦
CABLES			
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	●	1/8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	●	1/10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	●	1/10
494504	HDMI Cable Male-Male 1.5m Black	●	100
494505	HDMI Cable Male-Male 1.5m Black (Bag)	●	1/100

▲ 494501

▽ 546801

Ref.	Description	
NETWORK ELECTRONICS		
ROUTERS		
769110	Network Manager: Router and Firewall, 4x Gb Ethernet	1
⭐ 769114	Network Manager: Router and Firewall, 4x 2.5Gb Ethernet	1
⭐ 769115	Network Manager: Router and Firewall, 6x Gb Ethernet + 2x SFP+	1
769122	Router 16x Gb Ethernet + 2x SFP+, 19" Rack Mount, 1U	1
SWITCHES		
Managed		
768150	Industrial Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 240W) + 2x SFP (1 Gbps), -40...+75ºC (without PSU)	1
769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 130W) + 2x SFP (1 Gbps)	1
769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x Gb Ethernet/SFP Combo	1
769144	Ethernet Switch L2+: 24x Gb Ethernet + 4x SFP (1 Gbps)	1
769145	Ethernet Switch L2+: 48x Gb Ethernet + 6x SFP+ (10 Gbps)	1
769146	Ethernet Switch L2+: 48x Gb Ethernet (PoE+, 370W) + 6x SFP (10 Gbps)	1
769147	Ethernet Switch L2+: 8x Gb Ethernet + 2x SFP (1 Gbps)	1
769148	Ethernet Switch L3: 48x Gb Ethernet + 6x SFP+ (10Gbps)	1
769149	Ethernet Switch L3: 8x Gb Ethernet + 24x SFP (1 Gbps) + 6x SFP+ (10 Gbps)	1
⭐ 769151	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x 10Gb Ethernet/SFP+	1
769152	Ethernet Switch L2+: 8x Gb Ethernet/SFP Combo + 16x SFP (1 Gbps) + 4x SFP+ (10 Gbps)	1
Unmanaged		
768110	Ethernet Switch L2, Unmanaged: 5x 10/100/1000 Mbps	1
768111	Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps	1
768112	Ethernet Switch L2, Unmanaged: 8x Gb Ethernet (Long range PoE+, 120W) + 2x Gb Ethernet	1
768115	Ethernet Switch L2, Unmanaged: 24x Gb Ethernet + 2x SFP (1 Gbps)	1
768116	Ethernet Switch L2, Unmanaged: 24x Gb Ethernet (PoE+, 370W)+ 2x SFP (1 Gbps)	1
768121	Industrial Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps, -40...+75ºC (without PSU)	1
SFP TRANSCEIVERS		
769150	SFP Transceiver 1GbE, 2 MMF "LC/PC", 850nm, 550m	1
769210	SFP Transceiver 1GbE 2 SMF "LC/UPC", 1310nm	1
769212	Kit: 2 SFP Transceiver 1GbE, SMF "LC/UPC", 1310+1490nm	1
769214	SFP+ Transceiver 10GbE, 2 SMF "LC/UPC", 1310nm, 10km	1
769412	SFP+ Transceiver 10GbE for OLT512, 2 SMF "LC/UPC"	1
MEDIA CONVERTERS		
769215	RJ45-SFP Media Converter SMF/MMF, SFPs 769210/2 compatible	1
769216	RJ45-F.O. Media Converter SMF "SC/UPC", TX: 1310nm, RX: 1550nm	1
769217	RJ45-F.O. Media Converter SMF "SC/UPC", TX: 1550nm, RX: 1310nm	1

Ref.	Description	
WIFI ACCESS POINTS		
WAVEDATA SERIES		
WaveData Access Points		
769001	Indoor 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	Indoor 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
769011	Outdoor Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac	1

Ref.	Description	
MANAGEMENT AND MONITORING		
SERVERS AND CONTROLLERS		
769030	WaveBox device: Managing and monitoring the WaveData network	1

▲ 769114
▲ 769115
▲ 769146
▲ 769148
▲ 769151
▲ 768110
▲ 768111
▲ 769011
▲ 769001
▲ 769215
▲ 769216

DATACOM
PROFESSIONAL EQUIPMENT

Televes

Ref.	Description	📥
OPTICAL FIBER		
FUSION KITS		
Electric arc splice		
232105	F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Power adapter + 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
LIGHT SOURCE		
2340	OPS3L Triple Light Source (1310, 1490 & 1550nm)	1
MEASURING EQUIPMENT		
⭐ 236780	Mini tester for optical fiber (OPM and VFL) and data cable	1
⭐ 598001	OTDR Basic for Single-mode (SM) 1310-1550 nm Optical Fiber Measurement	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, with 4 working areas	1
2325	Round cable stripper for multifiber cables, data cables and coaxial cables	1
232910	Cleaner for Fiber Optic Connectors	1
ACCESSORIES		
⭐ 230990	Launch armoured fiber Multi-mode (MM) OM4 150m for OTDR measurement. SC/PC - LC/PC	1
⭐ 230991	Launch armoured fiber Multi-mode (MM) OM4 150m for OTDR measurement. SC/PC - SC/PC	1
2327	Splicing Protection Sleeve 60mm for FO fusion	200
232701	Splicing Protection Sleeve 43mm for FO fusion	200
232702	Splicing Protection Enclosure 101mm for FO fusion	100
232710	F.O. Cleanning Kit: 280 Dry Cleaning Wipes + 25 Sticks	1
232753	Dry F.O. Cleaning wipes - 280 pcs/box	1/60
2328	Fiber Mechanical Splice	10
2329	Connector of Fiber Optics "SC/APC" (with mounting tool)	10
⭐ 236190	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - SC/UPC	1
⭐ 236191	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - SC/APC	1
⭐ 236192	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/UPC - LC/APC	1
⭐ 236193	Launch armoured fiber Single-mode (SM) 150m for OTDR measurement. SC/APC - LC/APC	1

Ref.	Description	📥
COPPER SOLUTIONS		
NETWORK TESTERS		
⭐ 236780	Mini tester for optical fiber (OPM and VFL) and data cable	1

▲ 2341

▲ 2340

▲ 232301

▲ 236780

▲ 598001

▲ 232105

DATACOM
PROFESSIONAL EQUIPMENT

Ref.	Description	⬇
FIELD STRENGTH METERS		
H30CRYSTAL		
Meters		
593601	H30Crystal: DVB-S/S2 + DVB-T, F.O. (Smartphone Armband included)	1
593602	H30Crystal: DVB-S/S2 + DVB-T/T2, F.O. (Smartphone Armband included)	1
593603	H30Crystal: DVB-S/S2 + DVB-C, F.O. (Smartphone Armband included)	1
593604	H30Crystal: DVB-S/S2 + DVB-T/T2 + DVB-C, F.O. (Smartphone Armband included)	1
593605	H30Crystal FULL: Full DVB (-S/S2 + -T/T2 + -C), F.O. + IPTV Option + WiFi 2,4/5 GHz Option + Coaxial Cable Lead + Carrying Case (Smartphone Armband included)	1
593621	H30Crystal: DVB-S/S2 + DVB-T, Selective F.O. (Smartphone Armband included)	1
593622	H30Crystal: DVB-S/S2 + DVB-T/T2, Selective F.O. (Smartphone Armband included)	1
593624	H30Crystal: DVB-S/S2 + DVB-T/T2 + DVB-C, Selective F.O. (Smartphone Armband included)	1
593625	H30Crystal FULL: Full DVB (-S/S2 + -T/T2 + -C), Selective F.O. + IPTV Option + WiFi 2,4/5 GHz Option + Coaxial Cable Lead + Carrying Case (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
Accessories		
593201	Protective Sleeve	1
593203	Power Supply Unit 12V-3A, All Plugs	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+ (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+ (Carrying Bag included)	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	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

H30 CRYSTAL
FULL VERSION

▲ 593605

▲ 593239

MOSAIQ6 ADVANCE

ANALOGUE MEASURES   DAB/DAB+

4K ULTRA HIGH DEFINITION   WIFI ANALYZER

▲ 596105

▲ 596214

DATACOM
TELEPHONY (VOIP)

Televes

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	🖱	📦
TERMINALS			
IP			
770101	Wi-Fi Terminal with dual-band Wi-Fi support 802.11a/b/g/n, 2 SIP accounts, 2 lines, 2.4" color 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" color LCD screen, Black		1
770150	Extension Module for Operator IP Terminal with 20 programmable keys, 2 navigation keys, LCD screen, Black		1
ANALOGUES			
770302	Analogue Terminal with 4 direct keys for one touch connection, White	◯	1
770305	Compact Analogue Terminal, Black	●	1
⭐ 770306	Compact Analogue Terminal, White	◯	1
⭐ 770307	Analogue Terminal with 10 direct memory keys, Black	●	1

▲ 770146

▲ 770147

▲ 770120

▲ 770302

▲ 770307

HOSPITALITY

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

HOSPITALITY
FIBREDATA SERIES (GPON)

Ref.	Description	📥
GPON HEADENDS		
OLT MODULES		
769403	OLT512EVO: 8x PON + 4x SFP+ 10Gb Ethernet + 4x Gb Ethernet (Up to 512 users) Two Hot-swappable Redundant Embedded Power Supplies included	1
769420	Modular OLT3072, for 3 16x PON cards and 2x 10Gb switch cards, (Up to 3072 users) AC/DC Adapter included	1
769421	2x 10Gb Switch Card (for OLT3072, Ref. 769420)	1
769422	16x PON Card (for OLT3072, Ref. 769420)	1
POWER SUPPLY UNIT		
769601	Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
SFP TRANSCEIVERS		
769150	SFP Transceiver 1GbE, 2 MMF "LC/PC", 850nm, 550m	1
769212	Kit: 2 SFP Transceiver 1GbE, SMF "LC/UPC", 1310+1490nm	1
769214	SFP+ Transceiver 10GbE, 2 SMF "LC/UPC", 1310nm, 10km	1
769410	SFP Transceiver GPON B+, 1 Fiber "SC/UPC", 1490nm	1
769411	SFP Transceiver 1GbE, "RJ45"	1
769412	SFP+ Transceiver 10GbE for OLT512, 2 SMF "LC/UPC"	1
769413	SFP Transceiver GPON C+, 1 Fiber "SC/UPC"	1
769414	SFP Transceiver GPON C+ for OLT512EVO, 1 Fiber "SC/UPC"	1
769415	SFP Transceiver GPON B+ for OLT512EVO, 1 Fiber "SC/UPC"	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

▲ 769132

Televes

☰ OLT512EVO

SPECIALLY DESIGNED FOR HOSPITALITY ENVIRONMENTS

▶ OLT512EVO

The OLT512EVO headend has been developed at Televes to meet the needs of the hotelier. An advanced solution to **provide up to 16 services per ONT,** allowing hotels to offer a wider rage of entertainment options to guests.

- Full management of network elements with minimum restrictions
- Accurate operation even in the most demanding Hospitality environments
- Simple and standarized web configuration interface
- High performance without the need to purchase numerous additional devices

▲ 769415

▲ 769601

▲ 769214

HOSPITALITY
FIBREDATA SERIES (GPON)

Ref.	Description	⬇
VIDEO OVERLAY HEADENDS		
OPTICAL TRANSMITTERS		
234305	T.0X Optical Transmitter SMATV 1550nm ¨SC/APC¨ Po 5dBm w/o Return Path	1
234811	T.0X 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
AMPLIFIERS / MULTIPLEXERS		
234220	T.0X Optical Amplifier 1i/1o: 1550nm ¨SC/APC¨ 20dBm (EDFA Technology)	1
234221	T.0X Optical Amplifier / Multiplexer ¨SC/APC¨ 19dBm (EDFA Tecnology) 2i: 1310/1490nm - 1550nm, 1o: 1310/1490/1550nm	1
769611	Optical Amplifier / Multiplexer ¨SC/APC¨ 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 2RU	1
769615	Optical Amplifier / Multiplexer ¨SC/APC¨ 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769616	Optical Amplifier / Multiplexer ¨SC/APC¨ 17dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769620	Optical Amplifier 1i/1o: 1550nm ¨SC/APC¨ 20dBm (EDFA Technology) + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769622	Optical Amplifier 1i/8o: 1550nm ¨SC/APC¨ 10dBm (EDFA Technology) + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769623	Optical Amplifier 1i/8o: 1550nm ¨SC/APC¨ 20dBm (YEDFA Technology) + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769630	Optical Amplifier / Multiplexer ¨SC/APC¨ 20dBm (EDFA Technology) 2i:1x1310/1490nm - 1x1550nm, 1o:1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769631	Optical Amplifier / Multiplexer ¨SC/APC¨ 14dBm (EDFA Technology) 5i:4x1310/1490nm - 1x1550nm, 4o:1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
769632	Optical Amplifier / Multiplexer ¨SC/APC¨ 10dBm (EDFA Technology) 9i:8x1310/1490nm - 1x1550nm, 8o:1310/1490/1550nm + Double Power Supply Unit. 19¨ Rack Mount, 1RU	1
POWER SUPPLY UNIT		
5629	T.0X Switch-mode Power Supply Unit 120W 24V-5A	1
563901	T.0X Switch-mode Power Supply Unit 120W 24V-5A (110Vac & UL Listed)	1
OPTICAL SPLITTERS		
2337	T.0X Optical Splitter 1260...1650nm ¨SC/APC¨ 2W 4dB	1
2339	T.0X Optical Splitter 1260...1650nm ¨SC/APC¨ 4W 7dB	1
234401	T.0X Optical Splitter 1260...1650nm ¨SC/APC¨ 8W 10dB	1
234501	T.0X Optical Splitter 1260...1650nm ¨SC/APC¨ 16W 14dB	1
234601	T.0X Optical Splitter 1260...1650nm ¨SC/APC¨ 32W 17dB	1

▲ 234305

▲ 769801

▲ 234220

▲ 769615

▲ 769616

▲ 769622

▲ 769630

▲ 234401

▲ 2337

HOSPITALITY
FIBREDATA SERIES (GPON)

Ref.	Description	📥
SUBSCRIBER EQUIPMENT		
ONT/ONU		
769507	Basic ONU Module: 1x Gb Ethernet	1
769514	Hospitality WiFi AC ONT Module: 4x Gb Ethernet + 2x FXS, WLAN b/g/n/ac, RF Overlay	1
769520	SPF ONU Module: GPON	1

Ref.	Description	📥
OPTICAL MICRO-RECEIVER		
237330	Optical Receiver / Demultiplexer "SC/APC" (-5...+2dBm) 1i: 1310/1490/1550nm(GPON/TV), 2o: 1310/1490nm(GPON) - RF(1TV: Terr./Sat) Vo 58/49dBμV	1

▲ 769520

ONU SFP Adapter
This device is intended to be connected to the network device to extend the GPON deployment in existing access network for the subscribers.

How can I choose the right subscriber equipment?

References	769514	769507
Models	ONT HOSPITALITY WIFI AC	ONU BASIC
RF Overlay	✔	✖
WiFi (802.11 b/g/n/ac) (4x4) 2.4/5	✔	✖
USB	1	✖
FXS Ports	2	✖
ETH 10/100/1000BASE-T Ports	4	1
NAT/NAPT	✔	✖
Firewall	✔	✖
VPN pass-through	✔	✖
PPPoE Terminal	✔	✖
OMCI	✔	✖
TR-069	✔	✖
CLI	✔	✖
WebGUI	✔	✖

▲ 237330

ℹ️ *For more information about optical fiber cabling and distribution elements, see the DataCom section.*

Ref.	Description	⬇
NETWORK ELECTRONICS		
ROUTERS		
769110	Network Manager: Router and Firewall, 4x Gb Ethernet	1
⭐ 769114	Network Manager: Router and Firewall, 4x 2.5Gb Ethernet	1
⭐ 769115	Network Manager: Router and Firewall, 6x Gb Ethernet + 2x SFP+	1
769120	Router 12x Gb Ethernet + Configuration of services, 19" Rack Mount, 1U	1
769122	Router 16x Gb Ethernet + 2x SFP+, 19" Rack Mount, 1U	1
SWITCHES		
Managed		
768150	Industrial Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 240W) + 2x SFP (1 Gbps), -40...+75ºC (without PSU)	1
769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 130W) + 2x SFP (1 Gbps)	1
769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x Gb Ethernet/SFP Combo	1
769144	Ethernet Switch L2+: 24x Gb Ethernet + 4x SFP (1 Gbps)	1
769145	Ethernet Switch L2+: 48x Gb Ethernet + 6x SFP+ (10 Gbps)	1
769146	Ethernet Switch L2+: 48x Gb Ethernet (PoE+, 370W) + 6x SFP (10 Gbps)	1
769147	Ethernet Switch L2+: 8x Gb Ethernet + 2x SFP (1 Gbps)	1
769148	Ethernet Switch L3: 48x Gb Ethernet + 6x SFP+ (10Gbps)	1
769149	Ethernet Switch L3: 8x Gb Ethernet + 24x SFP (1 Gbps) + 6x SFP+ (10 Gbps)	1
⭐ 769151	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x 10Gb Ethernet/SFP+	1
769152	Ethernet Switch L2+: 8x Gb Ethernet/SFP Combo + 16x SFP (1 Gbps) + 4x SFP+ (10 Gbps)	1
Unmanaged		
768110	Ethernet Switch L2, Unmanaged: 5x 10/100/1000 Mbps	1
768111	Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps	1
768112	Ethernet Switch L2, Unmanaged: 8x Gb Ethernet (Long range PoE+, 120W) + 2x Gb Ethernet	1
768115	Ethernet Switch L2, Unmanaged: 24x Gb Ethernet + 2x SFP (1 Gbps)	1
768116	Ethernet Switch L2, Unmanaged: 24x Gb Ethernet (PoE+, 370W)+ 2x SFP (1 Gbps)	1
768121	Industrial Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps, -40...+75ºC (without PSU)	1
SFP TRANSCEIVERS		
769150	SFP Transceiver 1GbE, 2 MMF "LC/PC", 850nm, 550m	1
769210	SFP Transceiver 1GbE 2 SMF "LC/UPC", 1310nm	1
769212	Kit: 2 SFP Transceiver 1GbE, SMF "LC/UPC", 1310+1490nm	1
769214	SFP+ Transceiver 10GbE, 2 SMF "LC/UPC", 1310nm, 10km	1
769412	SFP+ Transceiver 10GbE for OLT512, 2 SMF "LC/UPC"	1
MEDIA CONVERTERS		
769215	RJ45-SFP Media Converter SMF/MMF, SFPs 769210/2 compatible	1
769216	RJ45-F.O. Media Converter SMF "SC/UPC", TX: 1310nm, RX: 1550nm	1
769217	RJ45-F.O. Media Converter SMF "SC/UPC", TX: 1550nm, RX: 1310nm	1

▲ 769115

▲ 769144

▲ 769146

▲ 769148

▲ 769149

▲ 769152

▲ 769212

▲ 769215

Compatibility between SFP modules and different Ethernet and GPON equipment

Compatible products	769520	769210	769212	769214	769410	769411	769412	769413	769414	769415	769150
Ethernet Switches: 769140, 769141, 769144, 769145, 769146, 769147, 769148, 769149, 769151, 769152	✔	✔	✔	✔ *	✘	✘	✔ *	✘	✘	✘	✔
Industrial Switch: 768150	✔	✔	✔	✘	✘	✘	✘	✘	✘	✘	✔
Router: 769115	✘	✔	✔	✘	✘	✘	✘	✘	✘	✘	✘
GPON OLT: 769403, 769420, 769421, 769422	✘	✘	✔	✔ **	✔	✔	✔	✔	✔ **	✔ **	✔ **
Media Converter: 769215	✘	✔	✔	✘	✘	✘	✘	✘	✘	✘	✔
WaveData: 769002	✘	✔	✔	✘	✘	✘	✘	✘	✘	✘	✔

* Compatible with Ethernet switches with SFP+ ports: 769145, 769146, 769148, 769149, 769151 or 769152.

** Compatible with OLT512EVO: 769403.

HOSPITALITY
NETWORKING

Ref.	Description	⬇
WIFI ACCESS POINTS		
WAVEDATA SERIES		
WaveData Access Points		
769001	Indoor 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	Indoor 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
769011	Outdoor Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac	1

Ref.	Description	⬇
MANAGEMENT AND MONITORING		
SERVERS AND CONTROLLERS		
768801	DataBox device: Managing and monitoring platform for WaveData, CoaxData and Networking devices	1
769030	WaveBox device: Managing and monitoring the WaveData network	1
LICENCES		
⭐ 769119	Hotspot License for Network Manager (Ref. 769110 or 769115)	1

DATA OVER CABLE SYSTEM

Ref.	Description	⬇
COAXDATA SERIES (G.HN)		
COAXDATA G.HN DEVICES		
⭐ 769310	CoaxData G.hn master-1.7Gbps (Up to 64 nodes) 4 Ethernet connectors 1Gbps and 2 ¨F¨ connectors	1
⭐ 769320	CoaxData G.hn Node 1 Ethernet Connector 2.5Gbps and 2 ´F´ Connectors, powered by USB-C	1
⭐ 769321	CoaxData Node WiFi b/g/n/ac, 2x1Gbps Ethernet Ports and 2 ´F´ Connectors with External Power Supply Included	1
ACCESSORIES		
⭐ 769223	Mixer/Diplexer Filter 2i/2o ¨F¨: LPF(1...200MHz) - HPF(290...2400MHz)	1/10

▲ 768801

▲ 769223

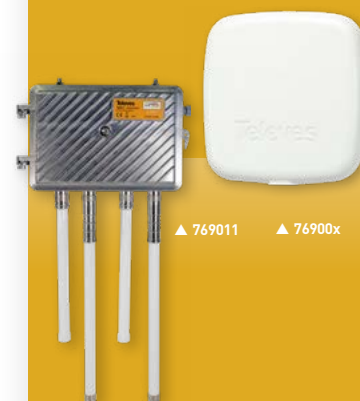≡ **WAVEDATA** SERIES

▲ 769011   ▲ 76900x

WIRELESS ACCESS POINT

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

The ref. 769002 includes a port for SFP modules, which allows to extend the switching functionality over fiber optic cables.

≡ **COAXDATA** SERIE

◤ 769310

◤ 769321

Turn your business' TV cable into a high-speed network

CoaxData is a professional solution, specially designed for hotels and small to medium sized businesses (up to 64 points), who want a high speed data network without any cabling upgrades or disruption to their business.

Designed to operate in point-to-multipoint communication, the master system detects multiple nodes connected to the network and performs auto-configuration, facilitating the commissioning of conventional installations.

▪ Gigabit broadband connectivity 1.7Gbps
▪ Up to 64 connection endpoints
▪ Guaranteed service up to 1.8 km
▪ Efficient in unfavourable conditions
▪ Coexistence with established TV services

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HOSPITALITY
INTERACTIVE SERVICES

Ref.	Description	⬇
IPTV HEADENDS		
T.0X SERIES		
Streamers		
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
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
Encoders		
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
831816	Kit T.0X Corporate Channel: Nemesis DS Player (Ref. 831815) + T.0X HDMI-IP Encoder (Ref. 563852) + Power Supply Unit (Ref. 582802)	1
Auxiliary Equipment		
216802	Kit: OTG USB - microUSB B Cable & WiFi Adapter. Utilities: Streamers T.0X WiFi Control	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
5629	T.0X Switch-mode Power Supply Unit 120W 24V-5A	1

CORPORATE CHANNEL

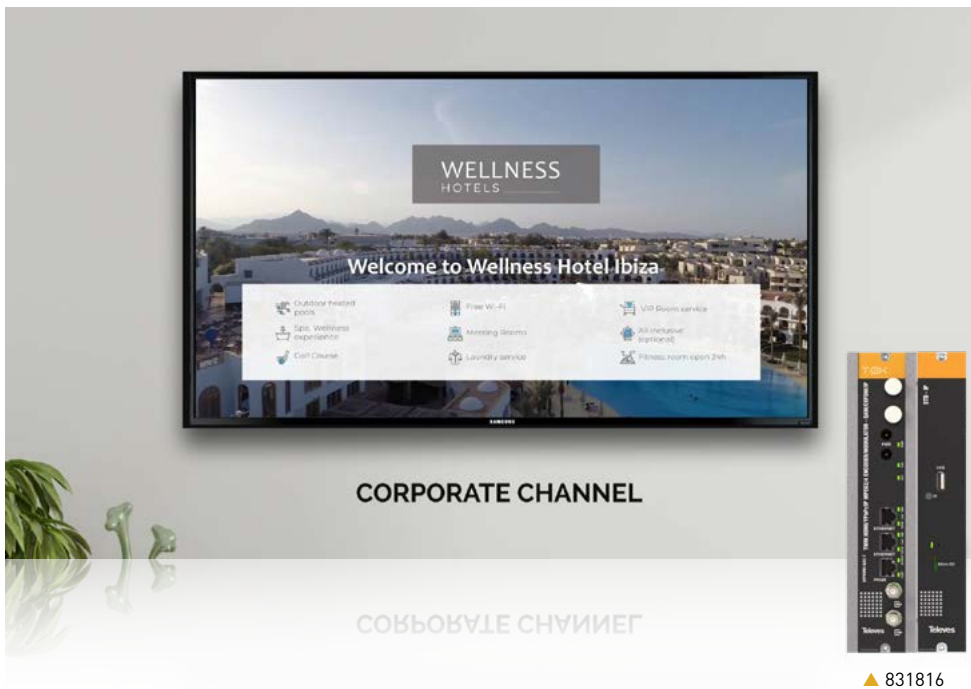▲ 831816

☰ T.0X 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.

▲ 563852

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**.

- **Multi-screen Middleware:**
  - STB Nemesis V2 Middleware, LG, Samsung and Philips TVs* .
  - 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, Booking & Shopping, Surveys...
- Integration with Arantia DS (Digital Signage) and ArantiaCast (content sharing on the TV from mobile devices via Chromecast).
- Powerful integrated system management tool: Allows the management of all the existing functionalities of the system from a centralized source.
- 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 Business up to 50 Users	1
83032003	Arantia TV Middleware Business up to 100 Users	1
83032004	Arantia TV Middleware Business Marriott up to 100 Users	1
83032103	Arantia TV Middleware Business up to 499 Users	1
83032104	Arantia TV Middleware Business Marriott up to 499 Users	1
83032203	Arantia TV Middleware Business up to 750 Users	1
83032204	Arantia TV Middleware Business Marriott up to 750 Users	1
83032303	Arantia TV Middleware Business up to 1000 Users	1
83032304	Arantia TV Middleware Business Marriott up to 1000 Users	1
83032403	Arantia TV Middleware Business up to 2200 Users	1
83032503	Arantia TV Middleware Basic up to 1000 Users	1
LICENCES		
830319	Arantia TV Set-Top Box License for Middleware Business	1
830510	Arantia TV Compatible Television License (LG, Samsung, Philips)	1
⭐ 830513	Arantia TV License for Middleware Marriott International	1
⭐ 830515	Arantia TV Corporate Channel for Middleware Business	1
VOD SERVERS		
830311	VOD Server 20 Streams 1TB SAS	1
83031203	VOD Server 95 Streams 1TB (2.4TB) SAS	1
NPVR SERVERS		
830401	nPVR Server 20 Streams 1TB SAS	1
830403	nPVR Server 95 Streams 1TB (2.4TB) SAS	1

▲ 83031801

▲ 83032003

License

▲ 830319

▲ 830311

INTERACTIVE SERVICES

Ref.	Description	
ITV PERSONALIZATION		
PERSONALIZATION ITEMS AND ADDITIONAL OPTIONS		
830110	Alarm Monitor Device	1
830501	Property Management System Integration License (Middleware or ArantiaCast server needed)	1
830502	Guest User Interface (GUI) personalization Arantia TV	1
830506	TV NO/NC Alarm System Integration	1
830508	Property Management System Integration HW Gateway	1
830509	Property Management System Integration Gateway - License per Room	1
830511	Property Management System Interface License (ArantiaCast server needed)	1
830520	Property Management System Integration License for VoIP service (PMS Integration Gateway 830508 and VoIP IP PBX 77014x needed)	1
⭐ 830523	Property Management System Integration License for Marriott International (Middleware Marriott or ArantiaCast server needed) - License per Room	1
980103	Arantia TV User Interface Customization (1 hour)	1

Ref.	Description	
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

Ref.	Description	
ITV ACCESSORIES		
RACKS AND ACCESSORIES		
831301	19¨ Rack 27U (Mounted & Adjusted)	1
831303	19¨ Rack 42U (Mounted & Adjusted)	1
831304	19¨ Rack 22U (Mounted & Adjusted)	1
ROUTER		
831404	VPN Router	1
TRANSCEIVERS		
831505	Transceiver 1000T RJ-45	1

STB NEMESIS V2

▟ **830108**

Powerful device specifically designed and developed to deploy interactive services in hospitality environments.

Based on the AOSP* 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.
- Remote management and monitoring.
- Accessories: Power supply 10W (5V/2A) and remote control Bluetooth and IR (Ref. 830130).
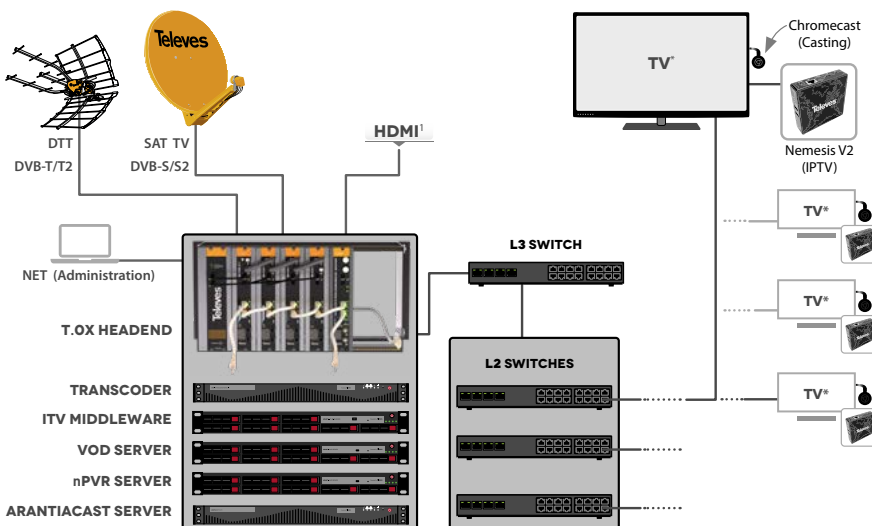
* AOSP: Android Open Source Project.

▲ 830130

▟ 831301

Arantia TV: Main System Components

DTT
DVB-T/T2

SAT TV
DVB-S/S2

HDMI[1]

Chromecast (Casting)

TV*

Nemesis V2 (IPTV)

NET (Administration)

T.0X HEADEND

TRANSCODER
ITV MIDDLEWARE
VOD SERVER
nPVR SERVER
ARANTIACAST SERVER

L3 SWITCH

L2 SWITCHES

TV*

TV*

TV*

This diagram includes the main components of the Arantia TV System Architecture.

Input systems such as the T.0X 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. The HDMI input allows the inclusion in the system of audio and video streams from HDMI sources such as encoders, PCs, and others.
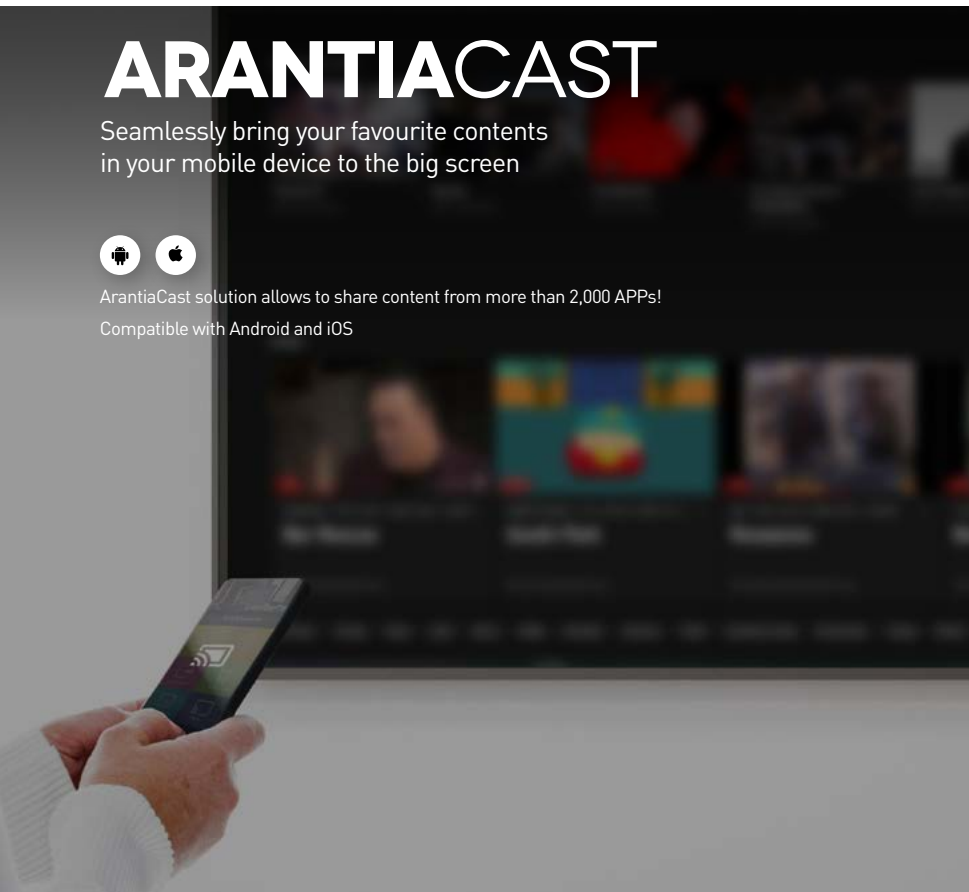
Compatible TVs:
LG   SAMSUNG   PHILIPS

ARANTIACAST

Seamlessly bring your favourite contents
in your mobile device to the big screen

ArantiaCast solution allows to share content from more than 2,000 APPs!

Compatible with Android and iOS

STREAMING EXPERIENCE

All content from mobile devices on the Hotel's TV set.

ArantiaCast system is specifically designed to operate in Hospitality type environments where several users coexist, and where ensure the guests privacy is a key responsibility to the hotel. 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.
- It includes the option to customise the contents of the Chromecast welcome screen, allowing the hotel to include its own brand in the system.
- The system includes a section of usage statistics in the configuration tool.
- Disconnection from the system takes place on check.
- Content streaming on the hotel's television set, just like home.
- Compatible with any television set equipped with an HDMI connector.
- Over 2,000 applications available for Casting.
- Supports running certain entertainment applications directly on the Chromecast with Google TV.
- Multiple mobile devices can be connected to the same room's Chromecast.

Ref.	Description	📦
ARANTIACAST		
ARANTIACAST SERVER		
831410	ArantiaCast Server	1
831416	ArantiaCast Server Lite (Max. 80 viewing points)	1
CHROMECAST DEVICE		
831412	License for Chromecast Device (2 years)	1
831414	ArantiaCast system SW Warranty Extension (annual per Chromecast Device)	1
831418	ArantiaCast Kit: Pre-configured Chromecast (Google TV) + Box + Security Cable + USB Power Cable	1

▲ 831410

▲ 831418

Stream your favourite content from your personal device straight to the TV in three easy steps

1 **CONNECT** to the Wi-Fi: Hotel-WIFI

2 **SCAN** this QR code:
or
VISIT local.arantia.com
and enter the code:
12345ABC

3 **TAP** the casting icon in your cast-enabled app and enjoy!

Room **212**

Ref.	Description	⬇
DIGITAL SIGNAGE CLOUD		
DS PLAYERS		
831801	DS Totem with Vertical Display	1
831811	DS SYNC Annual License	1
831812	Nemesis DS Player	1
831815	Nemesis DS Player - T.0X 19" Rack Mounting	1
831830	Nemesis DS Player Wi-Fi (PSU with EU plug included)	1
ACCESSORIES		
593203	Power Supply Unit 12V-3A, All Plugs	1
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit 12V-1.5A	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1

Ref.	Description	⬇
LOCAL DIGITAL SIGNAGE		
DS SERVER		
831805	Arantia DS Server up to 150 Users	1
DS PLAYERS		
831801	DS Totem with Vertical Display	1
831812	Nemesis DS Player	1
831815	Nemesis DS Player - T.0X 19" Rack Mounting	1
831830	Nemesis DS Player Wi-Fi (PSU with EU plug included)	1
ACCESSORIES		
593203	Power Supply Unit 12V-3A, All Plugs	1
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit 12V-1.5A	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

SYSTEM ADMINISTRATOR

INTERNET

REMOTE SERVER
(Televes Cloud)

REMOTE LOCATION **1**
(LAN 1)

LOCAL SYSTEM ADMINISTRATOR

REMOTE LOCATION **2**
(LAN 2)

LOCAL SYSTEM ADMINISTRATOR

LOCAL LOCATION
(DS + IPTV)

DTT
DVB-T/T2

TV SAT
DVB-S/S2

IPTV + ARANTIA.TV

T.0X HEADEND

ITV/IPTV MIDDLEWARE

DS SERVER

LOCAL SYSTEM ADMINISTRATOR
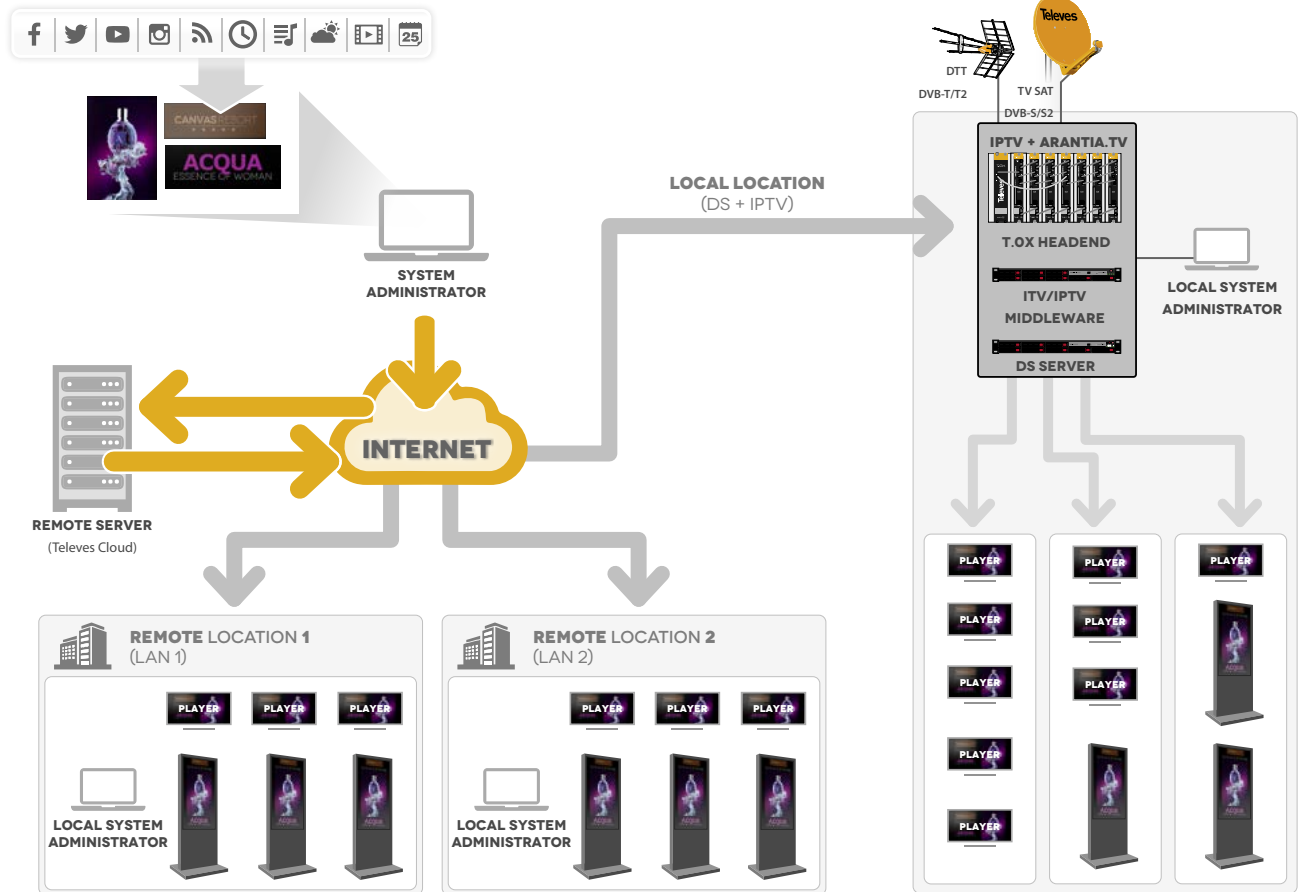
HOSPITALITY
EXPAND TV

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

TELEPHONY (VOIP)

Ref.	Description	📦
SUBSCRIBER EQUIPMENT		
ONT/ONU		
769514	Hospitality WiFi AC ONT Module: 4x Gb Ethernet + 2x FXS, WLAN b/g/n/ac, RF Overlay	1
769520	SPF ONU Module: GPON	1

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	🎨	📦
TERMINALS			
IP			
770101	Wi-Fi Terminal with dual-band Wi-Fi support 802.11a/b/g/n, 2 SIP accounts, 2 lines, 2.4" color 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" color LCD screen, Black		1
770150	Extension Module for Operator IP Terminal with 20 programmable keys, 2 navigation keys, LCD screen, Black		1
ANALOGUES			
770302	Analogue Terminal with 4 direct keys for one touch connection, White	○	1
770305	Compact Analogue Terminal, Black	●	1
★ 770306	Compact Analogue Terminal, White	○	1
★ 770307	Analogue Terminal with 10 direct memory keys, Black	●	1

▲ 832201

▲ 832204

Transcoder/streamer units are intended for the in the streaming of television channels to any device (Smartphones, Tablets, STBs, PCs, Smart TVs...) through different kinds of networks. Thanks to this powerful functionality, users will be able to enjoy broadcasted content throughout the whole establishment.

▲ 770146

▲ 770147

▲ 770120

▲ 770302

▲ 770307

DO IT YOURSELF

Telecommunications products designed for the non-specialized user who needs to carry out a simple reform or installation at home. Caracterized by being simple to use or install, and by having an explanatory and visually attractive packaging, ready to be displayed on the point of sale shelf.

DO IT YOURSELF

TERRESTRIAL ANTENNAS

Televes

Ref.	Description		
INTELLIGENT: OUTDOOR SERIES			
ELLIPSE SERIES			
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 34/38dBi BOSS ON PSU included 12V-200mA (Single Packing)	T·FORCE 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)	T·FORCE LTE700 ●	1
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	T·FORCE LTE700 ●	1
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	T·FORCE LTE700 ●	1/5
DINOVA BOSS			
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	T·FORCE 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)	T·FORCE 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)	T·FORCE LTE700 ○	1
CAMPNOVA BOSS			
144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/20/30dBi BOSS ON (Kit with accessories)	T·FORCE LTE700 ○	1
SMARTNOVA			
★ 144710	SMARTNOVA Terrestrial Antenna UHF (Ch21-48) G 50dBi (Kit with accessories)	LTE700 ○	1

▲ Ellipse

▲ DiNova BOSS

▲ SmartNova

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)	T·FORCE LTE700 ●	1/6
MIRA BOSS			
130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	T·FORCE LTE700 ●	1/240
INNOVA BOSS			
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	T·FORCE LTE700 ●	1

▲ BEXIA

SATELLITE DISHES

Ref.	Description		
LNB			
COAXIAL (RF)			
4332	Offset LNB Twin (2 Outputs Hh/Vh/Hl/Vl) G 60dB (Blister T2)	●	1
4365	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB (Blister T1)	●	1/8

▲ MIRA BOSS

▲ LNB Twin

79

DO IT YOURSELF

SET TOP BOXES AND DOMESTIC ACCESSORIES

Ref.	Description	📦
MODULATORS		
585301	Modulator DVB-T 1i: HDMI - 1 Mux(174...230/470...862MHz): CODFM (MPEG-4). With 2xUSB, HDMI pass-through and Remote Management	1
5858	Domestic Modulator with Display (VHF/UHF)	1

Ref.	Description	📦
A/V AND IR SENDERS		
WIRELESS A/V AND IR SENDERS		
716701	Digidom Transmitter + Receiver HDMI 5GHz	1/5
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

▲ 585301

▲ 716701

FILTERING AND AMPLIFICATION

Ref.	Description	🖐	📦
COMBINERS			
MATV (TERRESTRIAL)			
433401	Mast Triplexer 3i/1o ˝EasyF˝: VHF-UHF[dc]-UHF (Blister T1)	**LTE790** ⬤	1/10
SMATV (TERRESTRIAL + SATELLITE)			
4340	Combiner MATV-SAT 2i/1o ˝F˝: 47..790-950..2400MHz[dc] (Blister T1)	**LTE790**	1/6

Ref.	Description	🖐	📦
KITS: MAST AMPLIFIER WITH POWER SUPPLY			
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** ⬤	1/8
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** ⬤	1/8

▲ 7605

▲ 4340

▲ 438620

DO IT YOURSELF

FILTERING AND AMPLIFICATION

Ref.	Description		
DOMESTIC POWER SUPPLY UNITS			
F-CONNECTOR SERIES			
550402	Domestic Power Supply Unit 1i/2o ˝F˝: 5...862MHz 24V-130mA (Blister T1)		1/8

Ref.	Description		
DOMESTIC AMPLIFIERS			
IEC-CONNECTOR SERIES			
545720	Domestic Amplifier 1i/(2o+TV) ˝IEC˝: 47...694MHz G 20dB Vo 110dBµV + Output to a TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700	1/8
552120	Domestic Amplifier 1i/2o ˝IEC˝: 47...694MHz G 22dB Vo 104dBµV (Blister T1)	LTE700	1/8
552720	Domestic Amplifier 1i/1o ˝IEC˝: 47...694MHz G 25dB Vo 112dBµV (Blister T1)	LTE700	1/8
552920	Domestic Amplifier 1i/(4o+TV) ˝IEC˝: 47..694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE700	1/8
F-CONNECTOR SERIES			
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	1/8
552001	Domestic Amplifier 1i/(2o+TV) ˝F˝: 5..65/88..1006MHz G -7/21dB Vo111dBµV +Output to a TV Outlet G14dB (Passive Return)(Blister T1)		1/8
552220	Domestic Amplifier 1i/(2o+TV) ˝F˝: 47...694MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
5523	Domestic Amplifier 1i/(4o+TV) ˝F˝: 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)		1/8
552320	Domestic Amplifier 1i/(4o+TV) ˝F˝: 47...694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
5525	Domestic Amplifier 1i/(2o+TV) ˝F˝ 5..65/87.5..862MHz G -7/18dB Vo106dBµV + Output to a TV Outlet G 12dB (Passive Ret.+Equaliser)(Blister T1)		1/8
553001	Domestic Amplifier 1i/(2o+TV) ˝F˝ 5..65/88..862/950..2150MHz G(-9)/19/21dB Vo 111/114dBµV +Output to a TV Outlet G(-16)/11/13dB (Blister T1)		1/8
553120	Domestic Amplifier 1i/6o ˝F˝: 47...694MHz G 14dB Vo 95dBµV (Blister T1)	LTE700	1/8
553304	Domestic Amplifier 1i/1o ˝F˝: 5..65/88..1006MHz G -1/25dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		1/8
553504	Domestic Amplifier 1i/1o ˝F˝: 5..65/88..1006MHz G -1/35dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		1/8

Ref.	Description	
ATTENUATORS		
PLUG-IN FORMAT: IEC CONNECTOR		
4315	Adjustable Attenuator ˝IEC˝ Ø 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)	1/10

DISTRIBUTION

Ref.	Description	
SPLITTERS		
EASYF SERIES		
432803	Mini-Splitter 5...2400MHz ˝EasyF˝ 2W 4.3/4dB Indoor DC Pass O-I (Bag B3)	1/8
432902	Splitter 5...2400MHz ˝EasyF˝ 4W 9/7.5dB Indoor DC Pass All (Blister T1)	1/8
434103	Mini-Splitter 5...2400MHz ˝EasyF˝ 2W 4.5/4.3dB DC Pass All With Outdoor Mounting Case (Blister T1)	1/10
434202	Splitter 5...2400MHz ˝EasyF˝ 4W 9/7.5dB DC Pass O-I With Outdoor Mounting Case (Blister T1)	1/8
PLUG-IN FORMAT: IEC CONNECTOR		
4320	Inductive Splitter ˝IEC˝ Ø 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)	1/10
4322	Inductive Splitter ˝IEC˝ Ø 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)	1/10

Ref.	Description		
OUTLETS			
END OUTLETS			
4301	End Outlet Diplexed 5...2400MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)		1/8
THROUGH OUTLETS			
4335	Through Outlet Bridged + Face Plate TV-R + Back Box for Surface Mounting Outlet (Blister T1)		1/8
ACCESSORIES			
4336	Back Box White for Surface Mounting Outlet (Blister T1)	○	1/10

Televes

▲ 552920

▲ 4315

▲ 432803

▲ 4301

DO IT YOURSELF

CABLES AND CONNECTORS

Ref.	Description		
COAXIAL			
COAXIAL CABLE			
435501	Coaxial Cable PVC Ø 6.6mm White 20m (Reel)	○	1
4371	Coaxial Cable PVC Ø 6.6mm White 10m (Blister T2)	○	1/10
TRIPLE SHIELDING EXTENSION CORDS (TSH)			
3851	Coaxial Cable Lead "F" Compression 1.5m White (Bag B0)	○	1/30
385101	Coaxial Cable Lead "F" Compression 3m White (Bag B0)	○	1/20
385102	Coaxial Cable Lead "F" Compression 5m White (Bag B0)	○	1/15
3852	Coaxial Cable Lead "IEC" Male-Female Compression 1.5m White (Bag B0)	○	1/30
385201	Coaxial Cable Lead "IEC" Male-Female Compression 3m White (Bag B0)	○	1/20
385202	Coaxial Cable Lead "IEC" Male-Female Compression 5m White (Bag B0)	○	1/15
3853	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 1.5m White (Bag B0)	○	1/30
385301	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 3m White (Bag B0)	○	1/20
385302	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 5m White (Bag B0)	○	1/15
3854	Coaxial Cable Lead "F" - "IEC" Female Compression 1.5m White (Bag B0)	○	1/30
385401	Coaxial Cable Lead "F" - "IEC" Female Compression 3m White (Bag B0)	○	1/20
385402	Coaxial Cable Lead "F" - "IEC" Female Compression 5m White (Bag B0)	○	1/15
385501	Coaxial Cable Lead "F" Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	1/20
3856	Coaxial Cable Lead "F" - "IEC" Male Compression 1.5m White (Bag B0)	○	1/30
385601	Coaxial Cable Lead "F" - "IEC" Male Compression 3m White (Bag B0)	○	1/20
385602	Coaxial Cable Lead "F" - "IEC" Male Compression 5m White (Bag B0)	○	1/15
385701	Coaxial Cable Lead "F" Compression - "IEC" Male "PRO EasyF" 3m White (Bag B0)	○	1/20
3858	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 1.5m White (Bag B0)	○	1/30
385801	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	1/20
385802	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 5m White (Bag B0)	○	1/15
DOUBLE SHIELDING EXTENSION CORDS			
431001	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 1,5m Grey (Blister T1)	● (grey)	1/8
431002	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 2,5m Grey (Blister T1)	● (grey)	1/8
4311	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m White (Blister T1)	○	1/8
4312	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m Black (Blister T1)	●	1/8
4314	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m Black (Blister T1)	●	1/8
PRO EASYF CONNECTORS			
437401	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded (Bag B1)		1/10
437501	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded (Bag B1)		1/10
437601	Set of "PRO EasyF" "IEC" Ø 9.5mm Connectors Male & Female Elbowed Class A+ Shielded (Bag B1)		1/10
IEC TYPE CONNECTORS			
4303	"IEC" Ø 9.5mm Connector Female Straight (Bag B1)		1/10
4305	"IEC" Ø 9.5mm Connector Male Straight (Bag B1)		1/10
4316	Set of "IEC" Ø 9.5mm Connectors Male & Female Straight (Bag B1)		1/10
437410	"IEC" Ø 9.5mm Connector Male Elbowed Shielded (Bag B1)		1/10
437510	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)		1/10
437610	Set of "IEC" Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)		1/10
F TYPE CONNECTORS			
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)		1/10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)		1/10
ADAPTERS			
4066	Joint Connector for Coaxial Cable		25
4307	"F" Female - "F" Female Adapter (Bag B1)		1/10
4309	Joint Connector for Coaxial Cable (Bag B1)		1/10
ACCESSORIES			
2162	Cable Stripper for Coaxial Cable and Data Cable (Bag B2)		1
4360	Opened Staple for Coaxial Cable (25 units) (Bag B1)		1/10

▲ 4371

CLASS A++

▲ 385101

▲ 4312

▲ 437501

▲ 2162

DO IT YOURSELF

CABLES AND CONNECTORS

Televes

Ref.	Description		
DATA			
PATCH-CORDS			
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
209101	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.5m Grey (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

▲ 209005

Ref.	Description		
OPTICAL FIBER			
PRE-TERMINATED PATCH CORDS			
232621	F.O.Patch Cord Single-mode Indoor LSFH "SC/APC" 2m (Bag B4)	●	1/10
232623	F.O.Patch Cord Single-mode Indoor LSFH "SC/APC" 0.5m (Bag B4)	●	1/20
232624	F.O.Patch Cord Single-mode Indoor LSFH "SC/APC-FC/UPC" 2m (Bag B4)	●	1/10
232626	F.O.Patch Cord Single-mode Indoor LSFH "SC/APC" 1m (Bag B4)	●	1/20

▲ 232624

Ref.	Description		
AUDIO/VIDEO			
HDMI			
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	●	1/8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	●	1/10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	●	1/10
494504	HDMI Cable Male-Male 1.5m Black	●	100
494505	HDMI Cable Male-Male 1.5m Black (Bag)	●	1/100

▲ 494501

MECHANICAL ACCESSORIES

Ref.	Description		
MAST MOUNTING			
4361	Guy Wire Mounting Kit Ø 45mm		1/5
4951	Mast Clamp Zinc+RCP Ø 25...45mm	●	1/10
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)	●	1

▲ 4361

Packaging types (mm)

BLISTERS

T1	**T2**
260 / 120	256 / 154

BAGS

B0	**B1**	**B2**	**B3**	**B4**
300 / 200	125 / 54	230 / 82	130 / 80	180 / 125

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