INTERNATIONAL

Televes®

PRODUCT GUIDE 2021

STREAMING EXPERIENCE

THE GUEST WILL FEEL AT HOME

ARANTIA CAST

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

Over 2000 apps available

(chromecast.com/apps)

ArantiaCast solution powered by Chromecast

Android, iOS and ChromeOS compatible

Televes Corporation®

www.televescorporation.com | www.televes.com

Televes®

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New

Pack

TBC To Be Consulted

TFORCE TForce Technology

Integrated protection against LTE:

LTE790 Channel 60 filtering (790MHz)

LTE700 Channel 48 filtering (694MHz)

LTE600 Channel 36 filtering (600MHz)

AUTO LTE Channel 48/60 filtering (automatic switching)

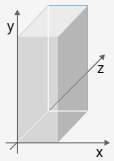
Identifying colour in product

Orange	Grey
White	Graphite
Red	Black
Red-brick	Violet

Packaging type for coaxial cable

Plastic	Plastified coil
Cardboard	Easy Box
Wooden	

Dimensions: xyz
(width x height x depth)



CONSIDERATIONS

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

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

OLC technology:

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

CENELEC standard for cables:

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

Hospitality:

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

HOSPITALITY

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

In order to protect ourselves from covid19, we must reduce physical contact between customers and staff or hotel objects, but we also need to keep a good communication at all times.
Provide a safe environment, maintaining a good customer experience and without giving up any service.

100% COMMUNICATION
0% CONTACT

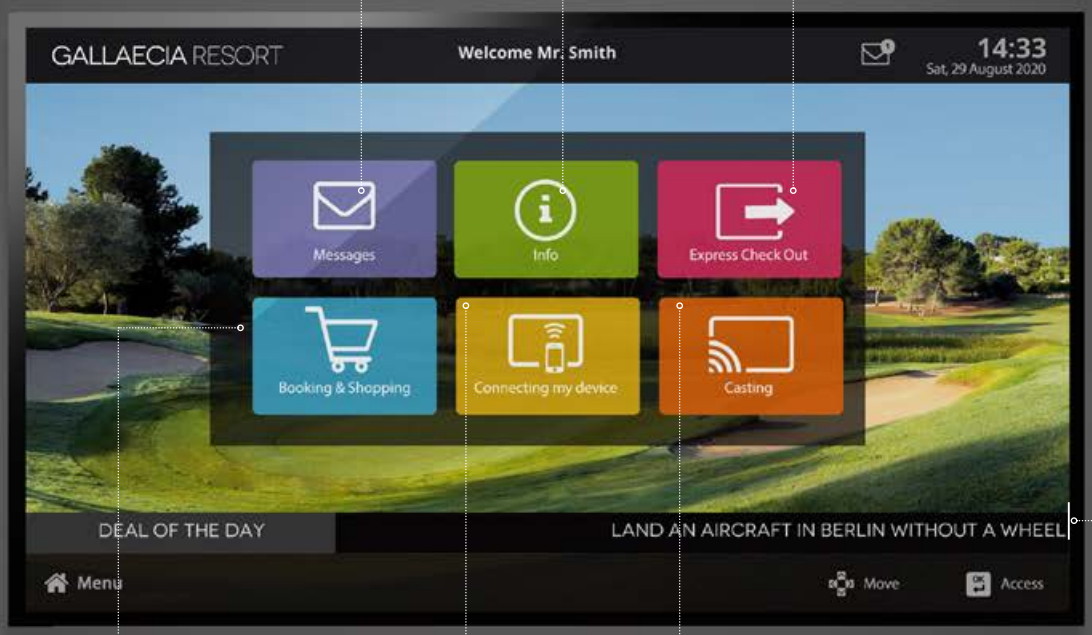
INTERACTIVE TV

TURN THE TV IN YOUR ROOMS INTO A GUEST DASHBOARD

MESSAGES
Send personalised or general messages to the guests

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

EXPRESS CHECKOUT
Reduction of physical contact with reception desk



BOOKING & SHOPPING
Online shopping services available

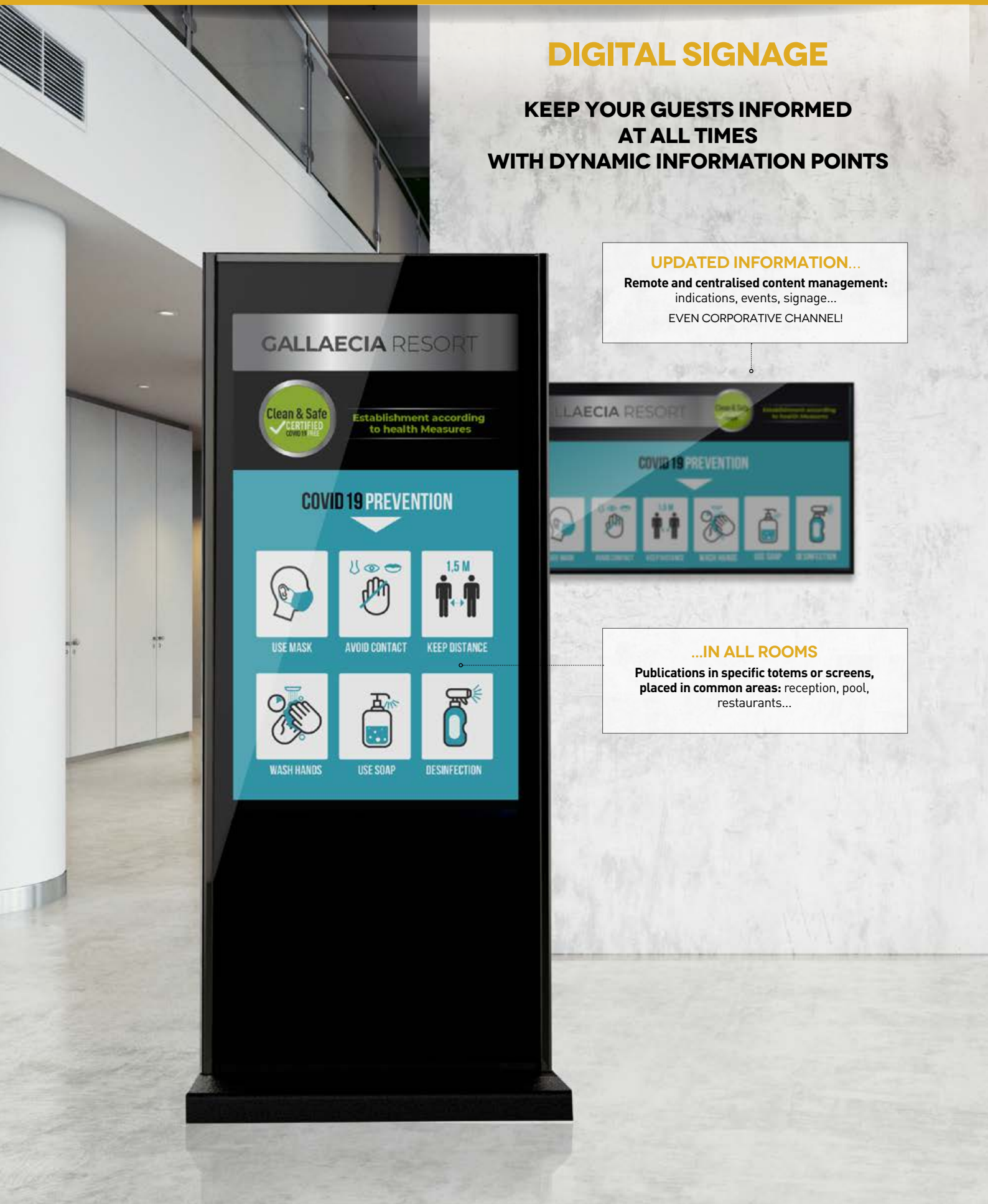
CONNECT MY DEVICE
The mobile device becomes the remote control for interactive television

CASTING
Guests enjoy privately the contents of their device on TV

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

DIGITAL SIGNAGE

KEEP YOUR GUESTS INFORMED AT ALL TIMES WITH DYNAMIC INFORMATION POINTS



UPDATED INFORMATION...

Remote and centralised content management: indications, events, signage...

EVEN CORPORATIVE CHANNEL!

...IN ALL ROOMS

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

FIBREDATA SERIES (GPON)

Televes

Ref.	Description	
GPON HEADENDS		
OLT MODULES		
769401	OLT512: 8x PON + 4x Gb Ethernet + 4x 10GbEthernet/Gb Ethernet (Up to 512 users) AC/DC Adapter included	1
769420	Modular OLT3072, for 3 16x PON cards and 2 2x 10Gb switch cards, (Up to 3072 users) AC/DC Adapter included	1
769421	2x10Gb Switch Card (for OLT3072, Ref. 769420)	1
769422	16xPON Card (for OLT3072, Ref. 769420)	1
POWER SUPPLY UNIT		
769601	Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
994401	Power Supply Unit 48V-1.87A (for OLT)	1
MEDIA CONVERTERS (SPF)		
769410	SFP Module GPON B+ 1 Fiber "SC/PC"	1
769411	SFP Module Gb Ethernet "RJ45"	1
769412	SFP Module 10Gb Ethernet 2 Single-mode Fibers "LC/UPC"	1
769413	SFP Module GPON C+ 1 Fiber "SC/PC"	1

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

▲ 769132

FIBREDATA SOLUTIONS

TELEVES COST-EFFECTIVE
QUAD PLAY SOLUTIONS OVER OPTICAL FIBER

OLT3072

OLT512

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

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

▲ 769421

▲ 769422

▲ 769601

▲ 769412

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
234806	T.0X Optical Transmitter CATV 1550nm "SC/APC" Po 6dBm w/o Return Path External modulation and RF Automatic Adjustment (up to 30Km). DOCSIS 3.1 compatible	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
769812	Optical Transmitter CATV 1550nm "SC/APC" Po 6dBm w/o Return Path External modulation and RF Automatic Adjustment (up to 30Km). DOCSIS 3.1 compatible 19" Rack Mount, 1RU	1
AMPLIFIERS / MULTIPLEXERS		
234220	T.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
234228	T.0X Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm	1
769610	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 2RU	1
769612	Optical Amplifier / Multiplexer "SC/APC" 17dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
★ 769620	Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology) + 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

▲ 234228

▲ 769612

▲ 2337

▲ 234401

FIBREDATA SERIES (GPON)

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Ref.	Description	
DISTRIBUTION		
OPTICAL ATTENUATTORS		
236410	Optical Attenuator 1310/1550nm "SC/APC" 2dB	1
236411	Optical Attenuator 1310/1550nm "SC/APC" 5dB	1
236412	Optical Attenuator 1310/1550nm "SC/APC" 10dB	1
OPTICAL SPLITTERS (PLC)		
233750	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 2W 4dB	1
233850	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 64W 20dB	1
233950	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 4W 7dB	1
234450	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 8W 10dB	1
234550	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 16W 14dB	1
234650	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 32W 17dB	1
ACCESSORIES		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	10
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"SC/UPC" 0.2m	5
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	10
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"FC/UPC" 2m (Bag B4)	10
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1

Ref.	Description	
SUBSCRIBER EQUIPMENT		
ONT/ONU		
769501	Office ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n	1
769502	Home ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n, RF Overlay	1
769507	Basic ONU Module: 1x GB Ethernet	1
769509	Room ONT Module: 4x GB Ethernet/ PoE (25.5W) + 2x FXS, RF Overlay	1
769514	Home AC ONT Module: 4x GB Ethernet + 2x FXS + 1x USB, WLAN b/g/n/ac, RF Overlay	1
★ 769520	SPF ONU Module: GPON	1

Ref.	Description	
OPTICAL MICRO-RECEIVER		
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	1
231181	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology (110Vac)	1
★ 237330	Optical Receiver / Demultiplexer "SC/APC" (-5...+2dBm) 1i: 1310/1490/1550nm(GPON/TV), 2o: 1310/1490nm(GPON) - RF(1TV: Terr./Sat) Vo 58/49dBµV	1

▲ 236410

▲ 234650

▲ 231111

▲ 232624

▲ 237330

Technical Characteristics: ONT+ONU

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

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

NETWORKING

Ref.	Description	
NETWORK ELECTRONICS		
ROUTERS		
769110	Network Manager: Router and Firewall, 4x Gb Ethernet	1
769111	Network Manager: Router and Firewall, 6x Gb Ethernet +2SFP	1
769120	Router 12x Gb Ethernet + Configuration of services 19" Rack Mount, 1U	1
SWITCHES		
Managed		
769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 130W) + 2x SFP (1 Gbps)	1
769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x SFP (1 Gbps)	1
769142	Ethernet Switch L2+: 8x Gb Ethernet + 24x SFP (1 Gbps) + 4x SFP+ (10 Gbps)	1
769143	Ethernet Switch L3: 32x Gb Ethernet + 8x SFP+ (10Gbps)	1
WIFI ACCESS POINTS		
WAVEDATA SERIES		
WaveData Access Points		
769001	Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
769002	Wireless Access Point WaveData: 1x F.O. SFP, 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
Management		
★ 769030	WaveBox device: Managing and monitoring the WaveData network	1
★ 769112	Network Manager: Hotspot, 4x Gb Ethernet	1
Accessories		
769210	SFP Module Gb Ethernet 2 Single-mode Fibers "LC/UPC"	1
★ 769212	Kit: 2 SFP Modules Gb Ethernet 1 Single-mode Fiber "LC/UPC", 1310+1490nm	1

WAVEDATA SERIES

76900x

WIRELESS ACCESS POINT

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

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

▲ 769112

DATA OVER CABLE SYSTEM

Ref.	Description	
COAXDATA SERIES (HOMEPLUG AV)		
GIGABIT 1GBPS		
769201	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 2 Ethernet Connectors & 2 "F" Connectors	1
769202	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 1 Ethernet Connector, 1 SFP (Optical Fiber) Conector & 2 "F" Connectors	1
769203	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial, 1 Ethernet Connector & 2 "F" Connectors	1
769281	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 2 Ethernet Connectors & 2 "F" Connectors (US plug)	1
769282	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial and PLC, 1 Ethernet Connector, 1 SFP (Optical Fiber) Conector & 2 "F" Connectors (US plug)	1
769283	Transmitter/Receiver 1Gbps-HDTV Data over Coaxial, 1 Ethernet Connector & 2 "F" Connectors (US plug)	1
769301	Transmitter/Receiver Router 1Gbps-HDTV Data over Coaxial, PLC and WiFi (Low Power WiFi option), 3 Ethernet Connectors & 2 "F" Connectors	1
MANAGEMENT		
769330	CoaxBox device: Managing and monitoring the CoaxCata network	1
ACCESSORIES		
640301	Wall Mount	1
769210	SFP Module Gb Ethernet 2 Single-mode Fibers "LC/UPC"	1
★ 769212	Kit: 2 SFP Modules Gb Ethernet 1 Single-mode Fiber "LC/UPC", 1310+1490nm	1
769220	Diplexer Filter 2i/1o "F": LPF(2...68MHz) - HPF(87...2150MHz)	1/10

▲ 769301

★

▲ 769330

▲ 769111

▲ 769143

★

▲ 769212

▲ 769210

▲ 769203

▲ 640301

INTERACTIVE SERVICES

Televes

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		
563805	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) - 1Mux: IP/QAM (Annex B) 2i: HDMI / Component(YPbPr) / IP - 1Mux: QAM (Annex B)	1
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 + T.0X HDMI-IP Encoder (ref. 831815 + 563852)	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
COMPACT HE-21 IPTV HEADEND		
HE-21 Chassis		
831010	4U Chassis	1
831011	4U Chassis with Redundant Power Supply	1
831012	1U Chassis	1
Input Modules		
831110	DVB-S/S2 Dual Input	1
831111	DVB-S/S2 Quad Input	1
831114	DVB-T/T2 Quad Input	1
831115	DVB-T/T2 Dual Input	1
831118	DVB-IP Input	1
831121	ATSC Quad Input	1
831122	HDMI Input QUAD	1
831123	DVB-S/S2/T/T2/C/ISDB-T Dual Input with Dual CI	1
831124	SDI Input QUAD	1
Optional Items		
831119	Corporate Channel License	1

▲ 563852

▲ 5301

▲ 831111

▲ 831121

▲ 831124

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.

HE-21 IPTV HEADEND

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

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

▲ IPTV HE-21 Headend (1U)

ARANTIA.TV

IPTV AND INTERACTIVE TV

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

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

** Check compatible TV models.*

Ref.	Description	
ITV HEADEND (INTERACTIVE TELEVISION)		
MIDDLEWARE		
83031801	Arantia TV Middleware up to 50 Users	1
83032003	Arantia TV Middleware up to 100 Users	1
83032103	Arantia TV Middleware from 101 to 499 Users	1
83032203	Arantia TV Middleware from 500 to 750 Users	1
83032303	Arantia TV Middleware from 751 to 1000 Users	1
83032403	Arantia TV Middleware from 1001 to 2200 Users	1
83032503	Arantia TV Middleware Lite up to 1000 Users	1
LICENCES		
830319	Arantia TV Set-Top Box License	1
★ 830510	Arantia TV Compatible Television License (LG, Samsung, Philips)	1
VOD SERVERS		
830311	VOD Server 20 Streams 1TB SATA	1
83031201	VOD Server 95 Streams 500GB (1,2TB) SAS	1
83031203	VOD Server 95 Streams 1TB (2,4TB) SAS	1
CONNECT MYDEVICE		
100003	ArantiaTV Application - Connect My Device	1

▲ 83031801

▲ 83032003

▲ 830319

▲ 830311

ARANTIA TV APPLICATION

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

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

▲ 100003

INTERACTIVE SERVICES

Televes

Ref.	Description	
ITV PERSONALIZATION		
PERSONALIZATION ITEMS AND ADDITIONAL OPTIONS		
830110	Alarm Monitor Device	1
830501	Property Management System Interface - Micros®-Fidelio's Opera system	1
830502	Arantia TV User Interface Customization	1
830506	TV NO/NC Alarm System Integration	1
830508	Property Management System Interface - Char system	1
830509	Property Management System Interface - Char License for Room	1
980103	Arantia TV User Interface Customization (1 hour)	1
ITV ROOM EQUIPMENT		
SET-TOP BOX		
830108	Nemesis V2 Set-Top Box	1
830130	Nemesis V2 Kit: Set-Top Box + IR/RF Remote Control + Power Supply	1
ACCESSORIES		
830207	LG/Samsung Remote Control	1
830216	IR Universal (TV) and RF (STB Nemesis V2) Remote Control	1
830218	Power Supply Unit for Nemesis V2 Set-Top Box (All plugs)	1
830219	Nemesis V2 Set-Top Box TVI Extension - Samsung	1
830220	Nemesis V2 Set-Top Box TVI Extension - LG	1
830221	Wall Mount for Nemesis V2 Set-Top Box	1
831504	CAT6 UTP Cable 1m	1
ITV ACCESSORIES		
RACKS AND ACCESSORIES		
831301	19" Rack 27U (Mounted & Adjusted)	1
831302	19" Rack 37U (Mounted & Adjusted)	1
831303	19" Rack 42U (Mounted & Adjusted)	1
831304	19" Rack 22U (Mounted & Adjusted)	1
831311	Rack Rails for HE-21	1
831930	Set up and Adjustment for GPON headend (FibreData) in 19" Rack (Ref. 83130x)	1
ROUTER AND UPS		
831404	VPN Router	1
831701	Uninterruptible Power Supply (UPS)	1
SWITCHES		
831401	Ethernet Switch L3 IPTV: 24x Gb Ethernet + 4x SFP+ (10Gbps), more than 400 viewing points (ArantiaTV configuration included)	1
831402	Ethernet Switch L2 IPTV: 24x Fast Ethernet + 4x SFP (1Gbps)	1
831403	Ethernet Switch L2 IPTV: 48x Fast Ethernet + 4x SFP (1Gbps)	1
831406	Ethernet Switch L2+ IPTV: 24x Gb Ethernet + 4x SFP+ (10Gbps), up to 400 viewing points (ArantiaTV configuration included)	1
831426	Ethernet Switch L2+ IPTV: 24x Gb Ethernet + 4x SFP (1Gbps), up to 80 viewing points (ArantiaTV configuration included)	1
TRANSCEIVERS		
831503	Transceiver 1000SX SFP LC MMF (Multi-Mode Fiber)	1
831505	Transceiver 1000T SFP RJ-45	1
831506	Transceiver 1000LX SFP LC SMF (Single-Mode Fiber)	1

STB NEMESIS V2

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

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

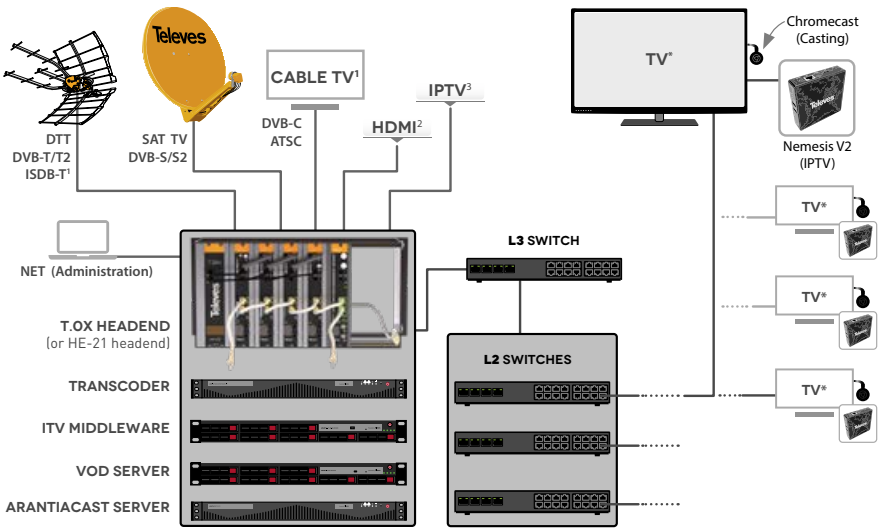
- MPEG2, MPEG4-AVC / H264 decoding capabilities.
- Resolutions up to 4K UHD.
- Remote management and monitoring.
- Accessories: Power supply 10W (5V/2A) and remote control (Bluetooth and IR).

** AOSP: Android Open Source Project.*

▲ 830130

◤ Rack 27U
(Mounted and adjusted)

Arantia TV: Main System Components



This diagram includes the main System Architecture components.

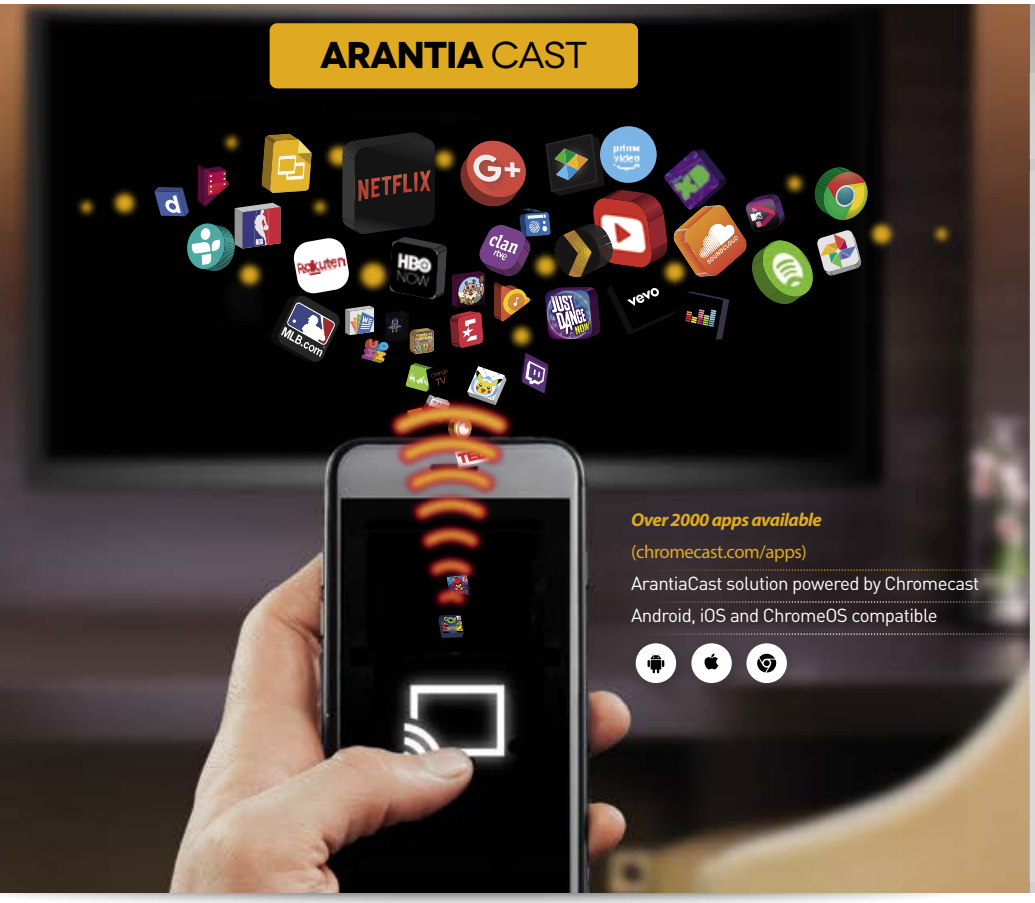
Input systems such as the T.0X/HE-21 Headend, MDW Server, Multiscreen Transcoder…, the IP distribution network and the end user devices like the Nemesis V2 STB's, TV's and players for IPTV reception, digital signage with Arantia DS or advanced interactive services with Arantia TV.

1. DVB-C/ATSC/ISDB-T only available wth HE-21 headend

2. The HDMI input allows the inclusion in the system of audio and video streams from HDMI sources such as encoders, PCs, and others.

3. The IPTV input allows the reception of MPTS from an IPTV operator (HE-21 only)

Compatible TVs:
LG SAMSUNG PHILIPS



STREAMING EXPERIENCE

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

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

- The system allows the advanced remote monitoring of the installed devices.
- The Chromecast installation on the television sets is carried out in an unobtrusive and safe way.
- Streaming will only be allowed on the television set of the guest's own room.
- Disconnection from the system takes place on check.
- Content streaming on the hotel's television set, just like home.
- No login, password or personal information from the guest required.
- Compatible with any television set equipped with an HDMI connector.
- Over 2,000 applications available for Casting (Netflix, HBO, Youtube, etc.)
- Multiple mobile devices can be connected to the same room's Chromecast.

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

▲ 831410

▲ 831411

DIGITAL SIGNAGE

Televes

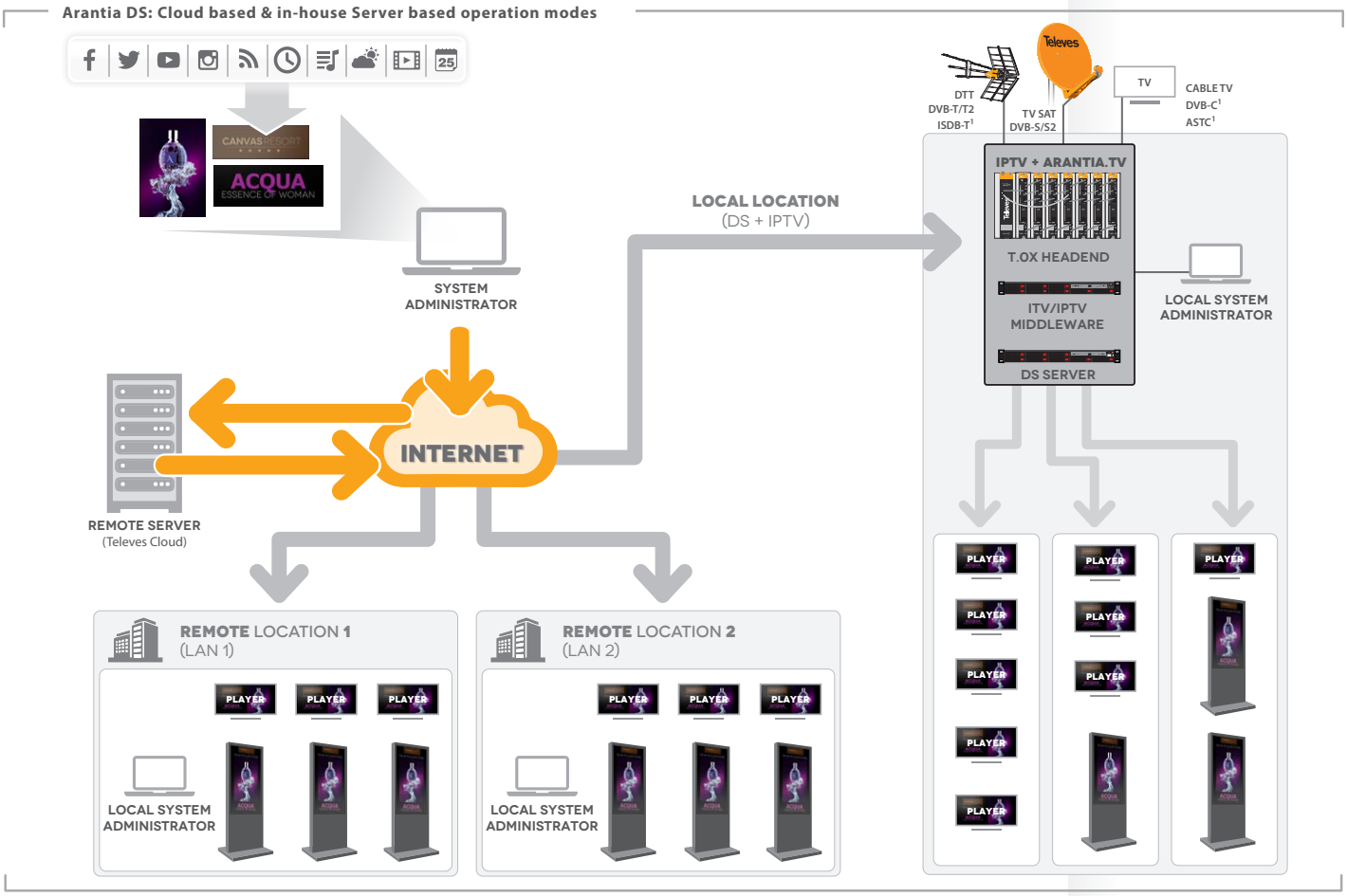
Ref.	Description	
DIGITAL SIGNAGE CLOUD		
DS PLAYERS		
831806	LG WebOS DS Player License	1
831811	DS SYNC Annual License	1
831812	Nemesis DS Player	1
★ 831815	Nemesis DS Player - T.0X 19" Rack Mounting	1
★ 831830	Nemesis DS Player Wi-Fi (EU PSU included)	1
ACCESSORIES		
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit for STB (EU plug)	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1

▲ 831830

▲ 831805

Ref.	Description	
LOCAL DIGITAL SIGNAGE		
DS SERVER		
831805	Arantia DS Server up to 150 Users	1
DS PLAYERS		
831806	LG WebOS DS Player License	1
831812	Nemesis DS Player	1
★ 831815	Nemesis DS Player - T.0X 19" Rack Mounting	1
★ 831830	Nemesis DS Player Wi-Fi (EU PSU included)	1
ACCESSORIES		
830208	Power Supply Unit for STB (UK plug)	1
830209	Power Supply Unit for STB (EU plug)	1
830213	STB TVI Extension - Samsung	1
830215	STB TVI Extension - LG	1

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



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

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

▲ 832201

▲ 832204

TELEPHONY (VOIP)

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

▲ 770146

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

▲ 770147

Ref.	Description		
SUBSCRIBER EQUIPMENT			
ONT			
769501	Office ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n		1
769502	Home ONT Module: 4x GB Ethernet + 2x FXS + 2x USB, WLAN b/g/n, RF Overlay		1
769509	Room ONT Module: 4x GB Ethernet/ PoE (25.5W) + 2x FXS, RF Overlay		1
769514	Home AC ONT Module: 4x GB Ethernet + 2x FXS + 1x USB, WLAN b/g/n/ac, RF Overlay		1

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

▲ 770120

▲ 770302

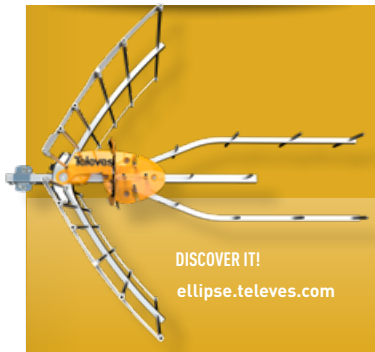
TV DISTRIBUTION

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

TERRESTRIAL ANTENNAS

Ref.	Description			
INTELLIGENT (WITH BOSSTECH)				
ELLIPSE SERIES				
Ellipse				
148902	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included 24V-130mA (Multiple Packing)	TFORCE LTE790	●	8
148905	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	TFORCE LTE790	●	1/4
★ 148910	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON (Multiple Packing)	TFORCE LTE790	●	8
148920	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON (Multiple Packing)	TFORCE LTE700	●	8
148922	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 24V-130mA (Multiple Packing)	TFORCE LTE700	●	8
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-220mA, UK plug (Single Packing)	TFORCE LTE700	●	1/4
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-200mA (Single Packing)	TFORCE LTE700	●	1/4
148981	Ellipse Terrestrial Antenna UHF (Ch14-51), G 38dBi BOSS ON PSU included 12V-220mA (110Vac & UL Listed)(Single Packing)	TFORCE LTE700	●	1/4
Ellipse Mix				
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Single Packing)	TFORCE LTE700	●	1/4
148822	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Multiple Packing)	TFORCE LTE700	●	6
148881	Ellipse MIX Terrestrial Antenna VHF/UHF (Ch7-13/14-51) G 36.5/40dBi BOSS ON PSU included 12V-220mA (110Vac & UL Listed)(Single Packing)	TFORCE LTE700	●	1/4
DAT SERIES				
DAT BOSS				
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	TFORCE LTE700	●	1/5
149922	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Multiple packing)	TFORCE LTE700	●	6
149941	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1/5
149942	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Multiple Packing)	TFORCE LTE790	●	6
149983	Terrestrial Antenna DAT BOSS UHF 470...698MHz (Ch14-51) + PSU 550104 (Single packing)	TFORCE LTE700	●	1/5
DAT BOSS LR				
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	TFORCE LTE700	●	1
149740	DAT BOSS LR Terrestrial Antenna UHF (Ch21-60) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1
149783	Terrestrial Antenna DAT BOSS LR UHF 470...698MHz (Ch14-51) + PSU 550104 (Single packing)	TFORCE LTE700	●	1/12
DAT BOSS MIX				
148220	DAT BOSS MIX Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/16dBi BOSS OFF, G 24/36.5/42dBi BOSS ON (Single Packing)	TFORCE LTE700	●	1/25
148281	DAT BOSS MIX Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/16dBi BOSS OFF, G 24/36.5/42dBi BOSS ON PSU included 12V-220mA (Single Packing)	TFORCE LTE700	●	1/25
149421	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 8.5/16dBi BOSS OFF, G 36.5/41dBi BOSS ON (Single Packing)	TFORCE LTE700	●	1
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)	TFORCE LTE700	●	5
149441	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-60) G 8.5/16dBi BOSS OFF, G 36.5/44dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1
149442	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-60) G 8.5/16dBi BOSS OFF, G 36.5/44dBi BOSS ON (Multiple Packing)	TFORCE LTE790	●	5
149483	DAT BOSS MIX Terrestrial Antenna VHF/UHF (Ch7-13/14-51) G 8.5/16dBi BOSS OFF, G 36,5/41dBi BOSS ON + PSU 550104	TFORCE LTE700	●	1/12
DAT BOSS MIX LR				
148381	DAT BOSS MIX LR Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/18dBi BOSS OFF, G 24/36.5/46dBi BOSS ON PSU included 12V-220mA (Single Packing)	TFORCE LTE700	●	1/12
149821	DAT BOSS MIX LR Terrestrial Antenna BIII/UHF (C5-12/21-48) G 8.5/18dBi BOSS OFF, G 36.5/46dBi BOSS ON (Single packing)	TFORCE LTE700	●	1
149883	DAT BOSS MIX LR Terrestrial Antenna VHF/UHF (Ch5-13/14-51) G 8.5/18dBi BOSS OFF, G 36,5/46dBi BOSS ON + PSU 550104	TFORCE LTE700	●	1/12

ELLIPSE



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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.

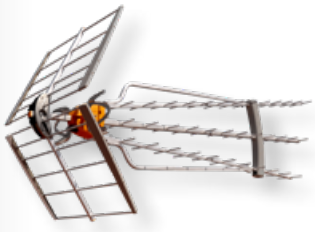
TFORCE TECHNOLOGY

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.

en.televes.com/tforce

ELLIPSE MIX



DAT BOSS LR

Ask us about our KITS with antenna and PSU.

TERRESTRIAL ANTENNAS

Televes

Ref.	Description			
INTELLIGENT (WITH BOSSTECH)				
NOVA SERIES				
DINOVA BOSS				
144011	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON	TFORCE LTE790	◯	1
144012	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFORCE LTE790	◯	1
144021	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON	TFORCE LTE700	◯	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFORCE LTE700	◯	1
144211	DINOVA BOSS MIX Terrestrial Antenna VHF/UHF(Ch5-12/21-60) G 1/6dBi BOSS OFF, G 24/33dBi BOSS ON	TFORCE LTE790	◯	1
144212	DINOVA BOSS MIX Terrestrial Antenna VHF/UHF(Ch5-12/21-60) G 1/6dBi BOSS OFF, G 24/33dBi BOSS ON (Kit with accesories)	TFORCE LTE790	◯	1
★ 144223	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON	TFORCE LTE700	◯	1
★ 144224	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON (Kit with accesories)	TFORCE LTE700	◯	1
144282	DINOVA BOSS MIX Terrestrial Antenna HighVHF/UHF(Ch7-13/14-51) G -/7dBi BOSS OFF, G 24/34dBi BOSS ON PSU included 12V-220mA (Kit with accesories)	TFORCE LTE700	◯	1
★ 144283	DINOVA BOSS MIX Terrestrial Antenna LowVHF/HighVHF/UHF(Ch2-6/7-13/14-51) G -/-/7dBi BOSS OFF, G 16/29/34dBi BOSS ON	TFORCE LTE700	◯	1
★ 144285	DINOVA BOSS MIX Terrestrial Antenna LowVHF/HighVHF/UHF(Ch2-6/7-13/14-51) G -/-/7dBi BOSS OFF, G 16/29/34dBi BOSS ON PSU included 12V-220mA (Kit with accesories)	TFORCE LTE700	◯	1
CAMPNOVA BOSS				
★ 144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/10/22dBi BOSS ON (Kit with accessories)	TFORCE LTE700	◯	1
OMNINOVA BOSS				
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF (Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFORCE LTE700	◯	1
144442	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-60) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFORCE LTE790	◯	1
144481	OMNINOVA BOSS Terrestrial Antenna LowVHF/FM/HighVHF/UHF G 17/16/25/25dBi + Power Supply Unit 550104	TFORCE LTE700	◯	1

DINOVA BOSS

CAMPNOVA BOSS

OMNINOVA BOSS

Ask us about our KITS with antenna and PSU.

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

	ANTENNA	RECEPTION TYPE	INSTALLATION RECOMMENDED FOR	HIGHTLIGHT
TV	DINOVA	STATIC	Emblematic buildings, Facades, Balconies	Low visual impact.
TV	CAMPNOVA	STATIC (Long term stay)	Caravans (Campings)	Low visual impact. Mounting optimized to be installed in a caravan.
TV	OMNINOVA	STATIC (Short term stay)	Caravans & Ships	No need to be oriented.
4G	4GNOVA	STATIC	Housing	Low visual impact. Recetion of LTE 4G signals to extend the telephone coverage.

TERRESTRIAL ANTENNAS

Ref.	Description			
INTELLIGENT (WITH BOSSTECH)				
INDOOR SERIES				
BEXIA series				
130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	●	1
130581	BEXIA Indoor Terrestrial Antenna LoV/HiV/U (C2-13/14-51) G 17/26/28 dBi (USB-microUSB cable and power adapter included, for 5V powering)	TFORCE LTE700	●	6
INNOVA BOSS				
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	●	1
130240	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE790	●	1
130320	INNOVA BOSS MIX Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 17/20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	●	1
130340	INNOVA BOSS MIX Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-60) G 17/20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE790	●	1
130381	INNOVA BOSS MIX Indoor Terrestrial Antenna LowVHF/HighVHF/UHF (Ch2-6/7-13/14-51) G 15/26/27dBi (USB-microUSB 5V power supply cable included)	TFORCE LTE700	●	1
MIRA BOSS				
130101	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (EU plug)	TFORCE LTE790	●	1
130102	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (UK plug)	TFORCE LTE790	●	1
★ 130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	TFORCE LTE700	●	1
ACCESSORIES				
Power supply units				
5501	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (UK Plug)			1
550101	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA			1
550104	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (110Vac & UL Listed)			1
5504	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA			1
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)			8
579401	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...2400MHz 12V-200mA			1/10
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		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
553241	Domestic Amplifier 1i/2o "F" : 47...790MHz G 20dB Vo 110dBµV + Pream.Pow. 12V-100mA	LTE790		1
560541	PicoKom Domestic Amplifier 1i/1o "EasyF": 47...790MHz G 14/20dB Vo 102/106dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
560542	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
560543	PicoKom Domestic Amplifier 1i/(2o+TV) "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47..694/950..2150MHz G 12/23dB Vo 110/106dBµV AGC +Preamplifier Powering 12V-150mA	LTE700		1/10
Accessories				
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz			1/20

BEXIA

Outdoor performance, indoors

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

▲ 130220

▲ 130121

▲ 5501

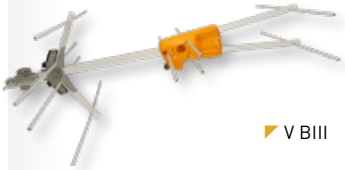
▲ 5795

TERRESTRIAL ANTENNAS

Televes

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
VHF/UHF antenna (mixed)				
111840	Yagi Edge MIX Antenna (C5-12/21-60) G 2/10dBi (Multiple packing)	LTE790	●	15
111842	Yagi Edge MIX Antenna (C5-12/21-60) G 2/10dBi (Single Packing)	LTE790	●	1/10
V Zenit MIX antenna				
149301	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-58/59/60 Configurable bandwidth) G 8.5/15dBi (Single Packing)	LTE790	●	1/6
149302	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-58/59/60 Configurable bandwidth) G 8.5/15dBi (Multiple Packing)	LTE790	●	10
149321	V ZENIT MIX Terrestrial Antenna BIII/UHF (Ch 5-12 / 21-48) G 8.5/13dBi (Single packing)	LTE700	●	1/6
149381	V ZENIT MIX Terrestrial Antenna HighVHF/UHF (Ch7-13/14-51) G 8.5/13dBi (Single packing)	LTE700	●	1/6
UHF				
Yagi antenna				
111940	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Multiple Packing)	LTE790	●	15
111941	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Multiple packing)	LTE790	●	15
111942	Yagi Edge Terrestrial Antenna UHF (Ch21-60) 12 Elements G 10dBi (Single Packing)	LTE790	●	1/10
802440	Yagi Terrestrial Antenna UHF (Ch21-60) 10 Elements G 8.5dBi	LTE790	●	15
802441	Yagi Terrestrial Antenna UHF(Ch21-60) 10 Elements G 8.5dBi	LTE790	●	15
L antenna				
112120	L 700 Terrestrial Antenna UHF (Ch21-48) 18 Elements G 13dBi	LTE700	●	6
112121	L 700 Terrestrial Antenna UHF (Ch21-48) 18 Elements G 13dBi Black	LTE700	●	6
112140	L 790 Terrestrial Antenna UHF (Ch21-60) 18 Elements G 13dBi	LTE790	●	6
112141	L 790 Terrestrial Antenna UHF (Ch21-60) 18 Elements G 13dBi	LTE790	●	6
V Zenit antenna				
149201	V ZENIT Terrestrial Antenna UHF (Ch21-58/59/60 Configurable bandwidth) G 15dBi (Single Packing)	LTE790	●	1/6
149202	V ZENIT Terrestrial Antenna UHF (Ch21-58/59/60 Configurable bandwidth) G 15dBi (Multiple Packing)	LTE790	●	10
149212	V ZENIT Terrestrial Antenna UHF (Ch21-58/59/60 Configurable bandwidth) G 15dBi (Multiple Packing)	LTE790	●	10
149221	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 13dBi (Single packing)	LTE700	●	1/6
149222	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 13dBi (Multiple packing)	LTE700	●	10
149223	V ZENIT Terrestrial Antenna UHF (Ch21-48) G 13dBi (Multiple Packing) Black	LTE700	●	10
149281	V ZENIT Terrestrial Antenna UHF (Ch14-51) G 13dBi (Single packing)	LTE700	●	1/6
Panel Antenna				
108320	Panel Terrestrial Antenna UHF (Ch21-48) 4 Dipoles G 13dBi	LTE700	●	1
108341	Panel Terrestrial Antenna UHF(Ch21-60) 4 Dipoles G 14dBi	LTE790	●	1
TELECOMMUNICATION				
1/4-wave mobile antenna				
6620	Mobile antenna 1/4 FM 68...174MHz Stainless steel 115cm			20
6632	Mobile antenna 1/4 wave VHF 144..470MHz stainless steel, 52cm			20
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

SATELLITE DISHES

Ref.	Description		
ALUMINIUM OFFSET SATELLITE DISHES			
QSD SERIES			
QSD75			
7902	QSD High Quality Offset Dish 75 Aluminium G 38.5dB (750x850mm) Orange	●	1
790204	QSD High Quality Offset Dish 75 Aluminium G 38.5dB (750x850mm) White	○	1
★ 790241	QSD High Quality Offset Dish 75 Aluminium G 38.5dB (750x850mm) White (Multiple packing)	○	25
QSD85			
7903	QSD High Quality Offset Dish 85 Aluminium G 39.5dB (850x950mm) Orange	●	1
790304	QSD High Quality Offset Dish 85 Aluminium G 39.5dB (850x950mm) White	○	1
★ 790341	QSD High Quality Offset Dish 85 Aluminium G 39.5dB (850x950mm) White (Multiple packing)	○	25
ISD SERIES			
630			
793001	ISD Offset Dish 630 Aluminium G 36.2dBi Orange	●	1
793002	ISD Offset Dish 630 Aluminium G 36.2dBi White	○	1
793003	ISD Offset Dish 630 Aluminium G 36.2dBi Graphite	●	1
793004	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick	●	1
793011	ISD Offset Dish 630 Aluminium G 36.2dBi Orange (Multiple packing)	●	10
793012	ISD Offset Dish 630 Aluminium G 36.2dBi White (Multiple packing)	○	10
793013	ISD Offset Dish 630 Aluminium G 36.2dBi Graphite (Multiple packing)	●	10
793014	ISD Offset Dish 630 Aluminium G 36.2dBi Red-brick (Multiple packing)	●	10
830			
793101	ISD Offset Dish 830 Aluminium G 39dBi Orange	●	1
793102	ISD Offset Dish 830 Aluminium G 39dBi White	○	1
793103	ISD Offset Dish 830 Aluminium G 39dBi Graphite	●	1
793104	ISD Offset Dish 830 Aluminium G 39dBi Red-brick	●	1
793111	ISD Offset Dish 830 Aluminium G 39dBi Orange (Multiple packing)	●	5
793112	ISD Offset Dish 830 Aluminium G 39dBi White (Multiple packing)	○	5
793113	ISD Offset Dish 830 Aluminium G 39dBi Graphite (Multiple packing)	●	5
793114	ISD Offset Dish 830 Aluminium G 39dBi Red-brick (Multiple packing)	●	5
LONG RANGE			
1300			
757401	Offset Dish 1300 Aluminium G 42dBi White	○	1

QSD SERIES

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

TÜV approved (german certifying organization).

▲ ISD Series

Compatibility between supports & dishes

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

◤ 757401

SATELLITE DISHES

Televes

Ref.	Description		
LNB			
COAXIAL (RF)			
Universal			
4332	Offset LNB Twin (2 Outputs Hh/Vh/Hl/Vl) G 60dB (Blister T2)	●	6
4365	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB (Blister T1)	●	8
7475	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB	●	1/10
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
7613	Offset LNB Octo (8 Outputs Hh/Vh/Hl/Vl) G 60dB	●	1/30
DLNB			
Offset			
723301	dLNB Programmer		1
747322	dLNB Offset 1 Output 8xSCR/dCSS+8xdCSS Dynamic, Gray	●	1
OPTICAL FIBRE			
Offset			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	●	1
Front feed			
2363	Prime Focus Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm, Grey	●	1
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
7268	DiSEqC 2.0 Switch 2i/1o 0...2400MHz		1/10
732150	DC Cable "F"-"Jack" Female 0,4m		1
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

▲ 7475

▲ 747701

▲ 747802

▲ 761001

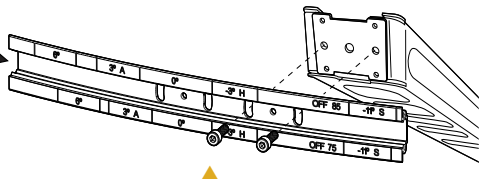
▲ 7613

▲ 7485

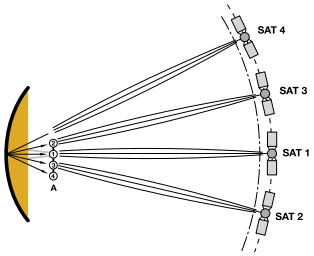
▲ 2353

▲ 2363

▲ 790902



▲ 790901



MECHANICAL ACCESSORIES

Ref.	Description		
MASTS			
SINGLE MOUNTING			
Zinc+RCP			
242001	Mast Zinc+RCP 1m x Ø 35mm x Thickness 1mm	●	6
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
301011	Mast HDG 1m x Ø 48mm x Thickness 2mm	●	1
301012	Mast HDG 2m x Ø 48mm x Thickness 2mm	●	1
301013	Mast HDG 3m x Ø 48mm x Thickness 2mm	●	1
301022	Mast HDG 2m x Ø 60mm x Thickness 2mm	●	1
301023	Mast HDG 3m x Ø 60mm x Thickness 2mm	●	1
SCREW MOUNTING			
Zinc+RCP			
2407	Mast Zinc+RCP 1.5m x Ø 35mm x Thickness 1.5mm	●	8
300601	Mast Zinc+RCP 1.45m x Ø 40mm x Thickness 2mm	●	6
3008	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1.5mm	●	6
3009	Mast Zinc+RCP 2.5m x Ø 40mm x Thickness 2mm	●	4
3010	Mast Zinc+RCP 3m x Ø 45mm x Thickness 2mm	●	4
3042	Mast Zinc+RCP 2.5m x Ø 35mm x Thickness 1mm	●	6
3072	Mast Zinc+RCP 3m x Ø 40mm x Thickness 2mm	●	4
Zinc+Painting			
3075	Mast Zinc+Red 3m x Ø 45mm x Thickness 2mm	●	4
307502	Mast Zinc+White 3m x Ø 45mm x Thickness 2mm	○	4
SWAGED			
Zinc+RCP			
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
ELBOWED			
Hot-Dip Galvanizing			
243810	Angled Mast HDG 1x0.3m x Ø 50mm	●	1
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 (Blister T1)		8
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)		8

Ref.	Description		
BRACKETS FOR MASTS			
CHIMNEY			
Zinc+RCP			
2412	Corner Piece Zinc+RCP for Chimney	●	10
2414	Tubular Mast Bracket Zinc+RCP for Chimney 415x345mm x Ø30mm	●	1
2415	Reinforced Mast Bracket Zinc+RCP for Chimney 396x400mm	●	1

▲ 301002

▲ 301003

▲ 3072

▲ 3040

▲ 2047

▲ 2413

▲ 2408

▲ 4952

▲ 4361

▲ 2401

▲ 2404

▲ 2409

▲ 2410

▲ 2415

MECHANICAL ACCESSORIES

Ref.	Description		
BRACKETS FOR MASTS			
WALL-BRACKET			
Zinc+RCP			
2401	"L" Mast Bracket Zinc+RCP for Bolting 300mm	●	10
2403	"W" Mast Bracket Zinc+RCP for Bolting 250mm	●	10
2404	"U" Mast Bracket Zinc+RCP for Bolting 500mm	●	6
240410	"U" Mast Bracket Zinc+RCP for Bolting 300mm	●	6
2405	"I" Mast Bracket Zinc+RCP for Embedding 350mm	●	6
2406	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 500mm	●	6
2409	Angled Mast Bracket Zinc+RCP for Bolting 128mm	●	10
2410	"U" Reinforced Mast Bracket Zinc+RCP for Embedding 250mm	●	10

Ref.	Description		
SUPPORTS FOR ANTENNAS			
"L" TYPE			
Zinc+RCP			
2427	"L" Bracket Zinc+RCP Wall Mount 450x440mm / Ø 40mm x Thickness 2mm	●	5
7349	"L" Bracket Zinc+RCP Wall Mount 380x350mm / Ø 45mm x Thickness 1.5mm	●	5
7371	"L" Bracket Zinc+RCP Wall Mount 500x450mm / Ø 45mm x Thickness 2mm	●	5
7393	"L" Bracket Zinc+RCP Wall Mount 284x194mm / Ø 35mm x Thickness 1.5mm	●	10
FLOOR MOUNT			
Zinc+RCP			
7409	Embedded Base Zinc+RCP for Ref.7576 or 757602, Height 200mm	●	1
7576	"T" Bracket Zinc+RCP Ground Mount 750x200mm / Ø 60mm x Thickness 2.9mm	●	1
Hot-Dip Galvanizing			
757602	"T" Bracket H.D.G. Ground Mount 1000x200mm / Ø48mm x Thickness 2.9mm	●	1
"Y" TYPE FOR WALL AND FLOOR			
Galvanized			
719201	"Y" Bracket Galvanized Wall/Ground Mount 551x439mm or 620x247mm / Ø 60mm x Thickness 1.5mm	●	5
719202	"Y" Bracket Galvanized Wall/Ground Mount 728x473mm or 720x481mm / Ø 45mm x Thickness 1.5mm	●	1
★ 719213	"Y" Bracket Galvanized Wall/Ground Mount 438x256mm or 431x264mm / Ø 40mm x Thickness 1.5mm	●	1
FOR WINDOW			
Zinc+RCP			
2117	Mast Clamp Zinc+RCP for Window 586x300mm x Ø30mm	●	1

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

Ref.	Description	
STEEL CABLES		
2043	Galvanized Steel Wire Ø 2mm	100
3034	Galvanized Steel Wire Ø 4mm	100
3059	Galvanized Steel Wire Ø 5mm	100
306001	Galvanized Steel Wire Ø 6mm	200

▲ 7371

▲ 7409

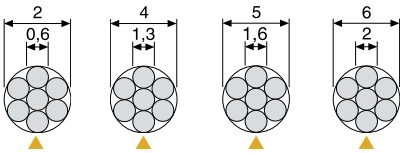
▲ 7576

▲ 757602

▲ 719201

▲ 2117

Galvanized steel wires (mm)



▲ 2043 ▲ 3034 ▲ 3059 ▲ 306001

▲ 2011

▲ 2000

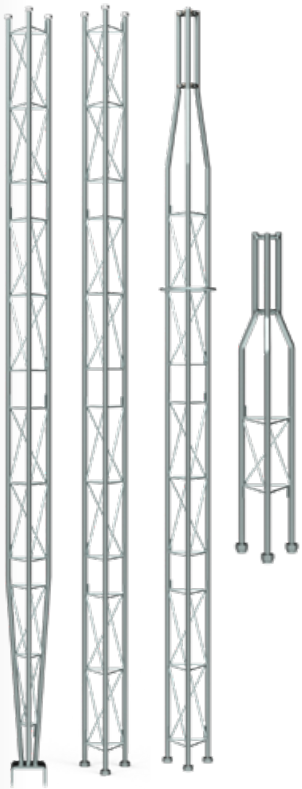
TOWERS

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			
★ 303102	Middle Section 180 Tower Zinc+White 3m	○	1
★ 303202	Upper Section 180 Tower Zinc+White 3m (mast Ømax 46mm)	○	1
Hot-Dip Galvanizing			
303101	Middle Section 180 Tower H.D.G. 3m	●	1
303201	Upper Section 180 Tower HDG 3m (mast Ømax 46mm)	●	1
303701	Lower Section Pivoting 180 Tower HDG 3m	●	1
Hot-Dip Galvanizing + Painting			
★ 303103	Middle Section 180 Tower HDG+White 3m	○	1
★ 303203	Upper Section 180 Tower HDG+White 3m (mast Ømax 46mm)	○	1
Accessories			
3029	Embedded Frame 180 Tower Zinc+RPR for Fixed Base (Ref. 3038xx)	●	1
3034	Galvanized Steel Wire Ø 4mm		100
3038	Fixed Bolting/Embedded (with frame) Base 180 Tower Zinc+RCP	●	1
303801	Fixed Bolting/Embedded (with frame) Base 180 Tower HDG	●	1
303802	Fixed Bolting/Embedded (with frame) Base 180 Tower Zinc+White	○	1
★ 303803	Fixed Bolting/Embedded (with frame) Base 180 Tower HDG+White	○	1
3048	Pivoting Embedded Base 180 Tower Zinc+ RCP	●	1
304801	Pivoting Embedded Base 180 Tower HDG	●	1
305001	Structural Cube 180 Tower Zinc+RCP 200mm	●	1
3058	Guy Wire Ring 180/360 Tower Zinc+RCP	●	20
305801	Guy Wire Ring 180/360 Tower HDG	●	20
Q1500 TOWER			
3049	Q1500 Tower Kit Stainless Steel 14.5m Stainless Steel Accessories included (Guy Wire at 1.5m)		1
304910	Q1500 Tower Bases Stainless Steel (1 tower base & 3 guy wire bases)		1

▲ Pack Tower (Ref. 306501)

Compatible with support Ref. 7349.



▲ 180 Sections

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

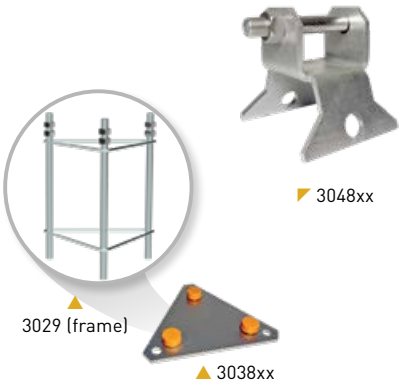
Types of finishing

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



◤ 3048xx

▲ 3029 (frame)

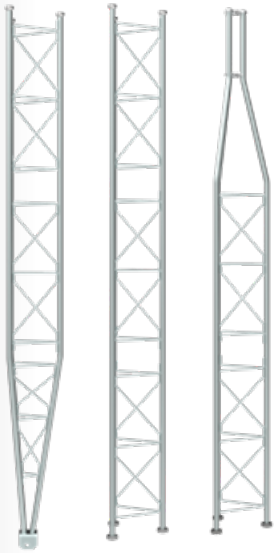
▲ 3038xx

TOWERS

Televes

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

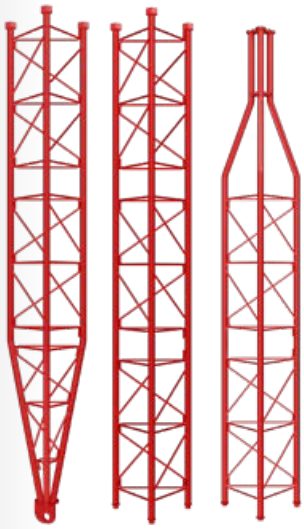
Ref.	Description		
WIND INDUSTRY			
450 TOWER			
Zinc + Painting			
3130	LLower Section Pivoting Reinforced 450 Tower Zinc+Red 3m	●	1
3131	Middle Section 450 Tower Zinc+Red 3m	●	1
313101	Middle Section 450 Tower Zinc+White 3m	○	1
3132	Middle Section Reinforced 450 Tower Zinc+Red 3m	●	1
313201	Middle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



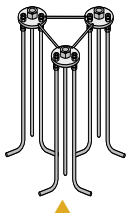
▲ 360 Section

▲ 3088xx

▲ 3089xx



▲ 450 Section



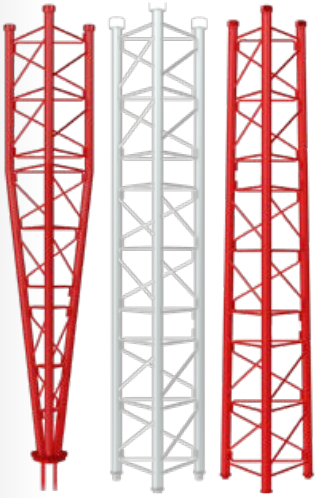
▲ 3135xx

◀ 3134xx

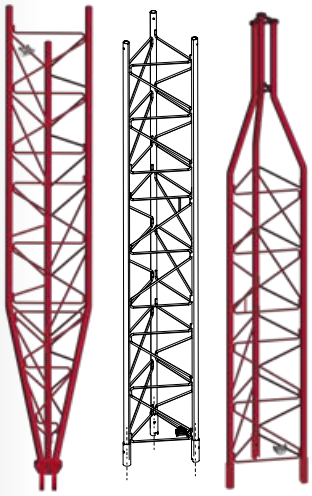
▲ 312901

TOWERS

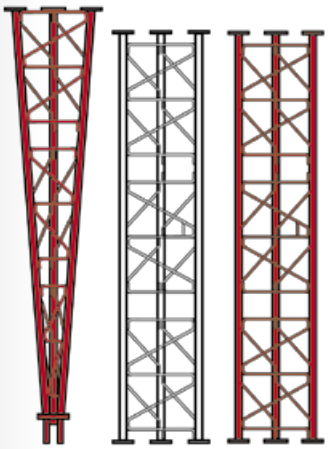
Ref.	Description		
WIND INDUSTRY			
550 TOWER			
Zinc + Painting			
313901	Lower Section Pivoting 550 Tower Zinc+Red 3m	●	1
3140	Middle Section 550 Tower Zinc+Red 3m	●	1
314001	Middle Section 550 Tower Zinc+White 3m	○	1
3141	Transition Section 550 to 450 Tower Zinc+Red 3m	●	1
Hot-Dip Galvanizing + Painting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



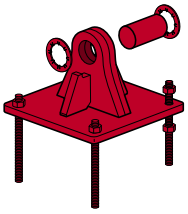
▲ 550 Section



▲ 450XL Sections - Reinforced

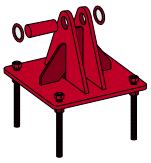


▲ 550XL Sections - Reinforced

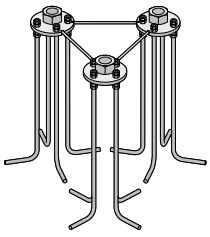


▲ 314210

▲ 313810



▲ 3142xx



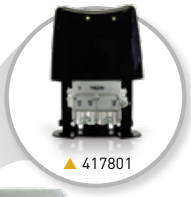
▲ 3143xx

FILTERING AND AMPLIFICATION

Televes

Ref.	Description		
LTE FILTERS			
EASYF FORMAT			
405101	Medium Rejection LTE Filter (MR) "EasyF" 470...774MHz UHF (Ch21-58) Outdoor	LTE790	1/10
405202	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor	LTE700	1/10
405203	High Rejection LTE Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	LTE700	1/10
405401	High Rejection LTE Filter (HR) "EasyF" 47...790MHz VHF/UHF (Ch60) Outdoor	LTE790	1/10
405402	High Rejection LTE Filter (HR) "EasyF" 47...782MHz VHF/UHF (Ch21-59) Outdoor	LTE790	1/10
405403	High Rejection LTE Filter (HR) "EasyF" 47...782MHz VHF/UHF (Ch21-59) Outdoor (DC Pass)	LTE790	1/10
PLUG-IN FORMAT			
F connector			
403201	Medium Rejection LTE Filter (MR) "F" 47...694MHz VHF/UHF (Ch48), Indoor (DC Pass)	LTE700	1/10
403220	High Rejection LTE Filter (HR) "F" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10
403401	High Rejection LTE Filter (HR) "F" 47...790MHz VHF/UHF (Ch60) Indoor	LTE790	1/10
403402	High Rejection LTE Filter (HR) "F" 47...782MHz VHF/UHF (Ch59) Indoor	LTE790	1/10
IEC connector			
403210	High Rejection LTE Filter (HR) "IEC" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10
404401	High Rejection LTE Filter (HR) "IEC" 47...782MHz VHF/UHF (Ch59) Indoor	LTE790	10/50
404411	Medium Rejection LTE Filter (MR) "IEC" 470...774MHz UHF (Ch21-58) Indoor (Bag B3)	LTE790	10
404412	High Rejection LTE Filter (HR) "IEC" 47...790MHz VHF/UHF (Ch60) Indoor (Bag B3)	LTE790	10
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
404011	Mast Triplexer 3i/1o "EasyF": BI/FM-BIII/DAB-UHF[dc], Outdoor Black	LTE790	1/10
404110	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF	LTE790	1/10
★ 433401	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF (Blister T1)	LTE790	10
SMATV (TERRESTRIAL + SATELLITE)			
4340	Combiner MATV-SAT 2i/1o: 47..790-950..2400MHz[dc] (Blister T1)	LTE790	8
740710	Double Combiner (47...790/950...2400MHz[dc]) 3i/2o "F": SAT1-MATV-SAT2 / SAT1+MATV-SAT2+MATV	LTE790	1/10
745210	Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	1/10
745220	Mini-Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	10
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm		1/10



▲ 417801

▲ Mini-mixer (745220)
57 x 47 x 13 mm

▲ 433401

▲ 740710

▲ 745210

▲ 4163

LTE FILTERS

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

"*EasyF*" model

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

LTE ADAPTATION,
All solutions for all cases

FILTERING AND AMPLIFICATION

Ref.	Description			
MAST AMPLIFIERS				
NANOKOM SERIES				
Terrestrial				
561701	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- (-1.5)dB Vo 108dBµV 12...24V Powering (Switchable DC Pass)	LTE790	●	1/10
561721	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- (-1.5)dB Vo 108dBµV 12...24V Powering (Switchable DC Pass)	LTE700	●	1/10
561801	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- (-1.5)dB Vo 106/108dBµV w/USOS 12...24V Powering (Switchable DC Pass)	LTE790	●	1/10
561821	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- (-1,5)dB Vo 106/108dBµV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	●	1/10
Terrestrial and satellite				
561401	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)	LTE790	●	1/10
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
561501	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)	LTE790	●	1/10
561521	NanoKom Mast Amplifier 3i/1o "EasyF": BIII/UHF[dc]-FMmix-SATmix[dc] G 18/28- (-1.5) - (-2.5)dB Vo 106/108dBµV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	●	1/10
561620	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 28- (-1,5) - (-2,5)dB Vo 109dBµV w/USOS. 12...24V Powering (Automatic LTE Filter & Switchable DC Pass)	AUTOLTE	●	1/10
561621	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 24- (-1,5) - (-2,5)dB Vo 104dBµV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	●	1/10
TERRESTRIAL				
High gain				
535340	Mast Amplifier 3i/1o: UHF(ch)[dc]-UHF[dc]-Vmix G 35-32- (-1,5)dB Vo 117dBµV 12..24V Pow.	LTE790	●	1/5
535620	Mast Amplifier 1i/1o "EasyF": FM/BIII/DAB/UHF[dc] G 15/31/31/41dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE700	●	1/5
535640	Mast Amplifier 1i/1o "EasyF": FM/BIII/DAB/UHF[dc] G 15/31/31/41dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE790	●	1/5
535720	Mast Amplifier 3i/1o "EasyF": FM-BIII/DAB-UHF[dc] G 15-32/32-42dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE700	●	1/5
535740	Mast Amplifier 3i/1o "EasyF": FM-BIII/DAB-UHF[dc] G 15-32/32-42dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE790	●	1/5
535820	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-39-39dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE700	●	1/5
535840	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-39-39dB Vo 116dBµV 24V Pow. (Switchable DC Pass)	LTE790	●	1/5
Low gain				
53554034	Mast Amplifier 4i/1o: BIII/DAB-21...34[dc]-35...60[dc]-UHF[dc] G 26-26-26-28dB Vo 114dBµV 24V Pow. (Switchable DC Pass)	LTE790	●	1/5
53554040	Mast Amplifier 4i/1o: BIII/DAB-21...40[dc]-41...60[dc]-UHF[dc] G 26-26-26-28dB Vo 114dBµV 24V Pow. (Switchable DC Pass)	LTE790	●	1/5
536040	Mast Amplifier 2i/1o "EasyF": BIII/DAB[dc]-UHF[dc] G 26/26/26-26dB Vo 114 dBµV 12V Pow. (Switchable DC Pass)	LTE790	●	1/5
536041	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] G 26/26-26-26dB Vo 114 dBµV 12V Pow. (Switchable DC Pass)	LTE790	●	1/5
With BOSSTech				
560121	Mast Amplifier 3i/1o "F": FM-BIII/DAB-UHF G 18G 13-17-28dB Vo 108dBµV w/BOSS-Tech. 12...24V Powering	LTE700	●	1/5
IF-MIX SERIES				
5354	Mast Amplifier 2i/4o "EasyF": UHF/Vmix[dc]-SATmix[dc] G 20/(-9) - (-12)dB Vo 93dBµV 12...24V Pow.		●	1/5

Ref.	Description	
DOMESTIC POWER SUPPLY UNITS		
PICOKOM SERIES		
579401	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...2400MHz 12V-200mA	1/10
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
550104	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (110Vac & UL Listed)	1
5504	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA	1
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)	8

NANOKOM SERIES

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

▲ 561620 (with AUTO-LTE filter)

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

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

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

Televes

Ref.	Description			
KITS: MAST AMPLIFIER WITH POWER SUPPLY				
NANOKOM SERIES				
Terrestrial				
568002	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix + PicoKom PSU 1i/2o "EasyF" 24V-130mA. Kit with Refs. 561701 & 5795	LTE790	●	1
568010	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix + PicoKom PSU 1i/2o "EasyF" 24V-130mA. Kit with Refs. 561721 & 5795	LTE700	●	1
Terrestrial and satellite				
★ 438620	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561621+5796) (Blister T1)	LTE700	●	8
438640	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561601+5796) (Blister T1)	LTE790	●	8
★ 438820	NanoKom Mast Amplifier 3i/1o "EasyF" BIII/UHF[dc]-FMmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561521+5796) (Blister T1)	LTE700	●	8
567802	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA. Kit with Refs.: 561601 & 5796	LTE790	●	1
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
TERRESTRIAL				
Low gain				
536042	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] + PicoKom PSU 1i/2o "EasyF" 12V-200mA. Kit with Refs.: 536041 & 579401	LTE790	●	1
F-CONNECTOR SERIES				
★ 560383	Mast Amplifier 1i/1o "F": LowVHF/HighVHF/UHF w/BOSS-Tech + Domest. PSU 1i/2o "F" 12V-220mA (Ref. 560331 & 550101)	LTE600	●	1
★ 560483	Mast Amplifier 2i/1o "F": LowVHF/HighVHF/UHF w/BOSS-Tech + Domest. PSU 1i/2o "F" 12V-220mA (Ref. 560431 & 550101)	LTE600	●	1
DOMESTIC AMPLIFIERS				
PICOKOM SERIES				
MATV (terrestrial)				
560541	PicoKom Domestic Amplifier 1i/1o "EasyF": 47...790MHz G 14/20dB Vo 102/106dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
560542	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
560543	PicoKom Domestic Amplifier 1i/(2o+TV) "EasyF": 47...790MHz G 10/16dB Vo 98/102dBµV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE790		1/10
SMATV (terrestrial + satellite)				
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47..694/950..2150MHz G 12/23dB Vo 110/106dBµV AGC +Preamplifier Powering 12V-150mA	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		8
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE		8
545802	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE		8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV w/USOS + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA	AUTOLTE		1
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dBµV (Blister T1)	LTE700		8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700		8
552240	Domestic Amplifier 1i/(2o+TV) "F": 47...790MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE790		8
552280	Domestic Amplifier 1i/(2o+TV) "F": 47...698MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (110Vac & UL Listed)	LTE700		1
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)			8
552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700		8
552340	Domestic Amplifier 1i/(4o+TV) "F": 47...790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790		8
552380	Domestic Amplifier 1i/(4o+TV) "F": 47...698MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 12dB (110Vac & UL Listed)	LTE700		1
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dBµV (Blister T1)	LTE790		8
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47..790MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE790		8
552940	Domestic Amplifier 1i/(4o+TV) "IEC": 47..790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790		8
★ 553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dBµV (Blister T1)	LTE700		8
553241	Domestic Amplifier 1i/2o "F" : 47...790MHz G 20dB Vo 110dBµV + Pream.Pow. 12V-100mA	LTE790		1
SMATV (terrestrial + satellite)				
5530	Domestic Amplifier 1i/(2o+TV) "F" 5..30/47..862/950..2150MHz G(-9)/19/21dB Vo 111/114dBµV +Output to a TV Outlet G(-16)/11/13dB (Blister T1)			8
CATV (return path + terrestrial)				
★ 552001	Domestic Amplifier 1i/(2o+TV) "F": 5..65/88..1006MHz G -7/21dB Vo111dBµV +Output to a TV Outlet G14dB (Passive Return)(Blister T1)			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)			8
5526	Domestic Amplifier 1i/(2o+TV) "F": 5..65/87.5..862MHz G 9/20dB Vo 107dBµV +Output to a TV Outlet G13dB (Active Return)			8
★ 553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)			8
★ 553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)			8

AUTO-LTE FILTERING

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

Ref. 545801/02

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

Ref. 545901

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

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

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

FILTERING AND AMPLIFICATION

Ref.	Description		
LAUNCH AMPLIFIERS			
MINIKOM EASYF SERIES			
MATV (terrestrial)			
562301	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..35-39..60 G 15-(22||32)-(26||36)-(24||34)-(24||34)dB Vo 113-114-117-117-117dBµV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562302	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..32-36..60 G 15-(22||32)-(26||36)-(24||34)-(24||34)dB Vo 113-114-117-117-117dBµV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562303	MiniKom Amplifier 5i/1o "EasyF": FM-V-U-21..40-41..60 G 15-(22||32)-(26||36)-(24||34)-(24||34)dB Vo 120-121-124-124-124dBµV Preamp. Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562401	MiniKom Amplifier MATV 4i/1o "EasyF": FM-VHF-UHF-UHF G 15-(22||32)-(26||36)-(26||36)dB Vo 113-114-117-117dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562501	MiniKom Amplifier MATV 3i/1o "EasyF": FM-VHF-UHF G 15-(22||32)-(30||40)dB Vo 113-114-117dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
SMATV (terrestrial + satellite)			
562201	MiniKom Amplifier MATV+SAT 5i/1o "EasyF": FM-VHF-UHF-UHF-SAT G 15-(21||31)-(24||34)-(24||34)-35dB Vo 114-114-115-115-119dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
562601	MiniKom Amplifier MATV+SAT 4i/1o "EasyF": FM-VHF-UHF-SAT G 15-(21||31)-(27||37)-35dB Vo 114-114-115-119dBµV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE790	1
MINIKOM F SERIES			
MATV (terrestrial)			
5372	MiniKom Amplifier Return Path + MATV 2i/(7+1)o "F": FM/VHF-5..7MHz/UHF G 5-0.5/15dB Vo 89-108/89dBµV (+1@16-15/27dB) 12V 30/10mA Preamplif./IR Powering (UK Plug)		1
537302	MiniKom Amplifier MATV 1i/1o "F": 47...454/470...862MHz G (20||30)/(27||37)dB Vo 114/116dBµV		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||25)-(32||42)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE700	1
534040	DTKom Amplifier MATV 3i/1o "F": FM-BIII-UHF G (21||25)-(36||44)-(45||55)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE790	1
5341	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..69-UHF G (25||25)-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering		1
★ 534120	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21...36-38...48-UHF G (25||25)-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE700	1
★ 534121	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..32-36..48-UHF G (25||25)-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE700	1
534140	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..60-UHF G (21||25)-(36||44)-(40||50)-(42||52)-(42||52)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE790	1
534141	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..32-36..60-UHF G (25||25)-(32||42)-(31||41)-(31||41)-(32||42)dB Vo 123dBµV 12V-50mA Preamplif. Powering	LTE790	1
SMATV/CATV (return path + terrestrial + satellite)			
533501	DTKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..65/87..862/950...2150MHz G 28/(38||50)/42dB Vo 116/123/123dBµV		1
5337	DTKom Amplifier Return Path + MATV + 2SAT 2i/2o "F": (5..30/47..862/950..2150MHz) – (950..2150MHz) G (for 2 outputs) (-5||28)/(30||40)/40dB Vo 115/120/120dBµV		1
CATV (return path + terrestrial)			
451203	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...65/87...1006MHz G 28/(30||40)dB Vo 118/129dBµV		1
451280	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...42/54...1002MHz G 28/(30||40)dB Vo 118/129dBµV		1
OUTDOOR / INDOOR SERIES			
CATV (return path + terrestrial)			
★ 534501	Outdoor/Indoor Amplifier configurable by PADs, 1i/1o: Return Path + MATV 40...1220MHz G 28/42dB Vo 114dBµV 200...240Vac Powered, DOCSIS 3.1 compatible		1
★ 534510	PAD Diplexor for Return Path 5...42MHz		1
★ 534511	PAD Diplexor for Return Path 5...85MHz		1
★ 534512	PAD Diplexor for Return Path 5...204MHz		1
Accessories			
★ 534520	PAD Splitter 5...2400MHz 2W		1
★ 534530	PAD Tap 5...2400MHz 2W 8dB		1
★ 534531	PAD Tap 5...2400MHz 2W 14dB		1
MICROKOM SERIES			
CATV (return path + terrestrial)			
534211	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1006MHz G G(-||20)/(20||25)dB Vo 118/121 dBµV		1
534411	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1006MHz G (-||20)/(28||35)dB Vo 118/121 dBµV		1
534481	Outdoor Amplifier MicroKom Return Path + MATV 1i/1o "F": 5...42/54...1006MHz G (0||28)/(30||35)dB Vo 121dBµV (US Plug)		1

MINIKOM *EasyF* SERIES

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

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

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

▲ Amplifiers: DTKom Series
284 x 140 x 50 mm

▲ Amplifier: Outdoor/Indoor Series
225 x 195 x 95 mm

▲ Amplifiers: MicroKom Series
190 x 88 x 35 mm

FILTERING AND AMPLIFICATION

Televes

Ref.	Description		
PROGRAMMABLE AMPLIFIERS			
AVANT 6			
532601	Avant 6 with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (20 Filters) 3i/1o "F": FM-2xVHF/UHF G 19-55dB Vo 114-114dBµV (DVB-T/T2 Compatible) (OTG cable included)	TFORCE AUTOLTE	1
★ 532603	Avant 6 with anti-LTE Filter: Programmable Amplifier with Digital Filtering 4i/1o "F": FM-DAB-2xVHF/UHF G 19-52-55dB Vo 114-111-114dBµV	TFORCE LTE700	1
AVANT X			
Avant X Basic			
532101	Avant X Basic with Auto-LTE: Programmable Amplifier with Digital Processing/ Filtering (32 Filters) 5i/1o "F": FM-4xVHF/UHF G 29-75dB Vo 122-122dBµV (DVB-T/T2 Compatible)	TFORCE AUTOLTE	1
532111	Avant X Basic-Sat with Auto-LTE: Programmable Amplifier with Digital Processing/ Filtering (32 Filters) 6i/2o "F": FM-4xVHF/UHF-SAT G 25-71-41dB Vo 118-118-123dBµV (DVB-T/T2 Compatible)	TFORCE AUTOLTE	1
Avant X Pro			
532121	Avant X Pro with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o "F": FM-4xVHF/UHF G 29-75dB Vo 122-122dBµV (DVB-T/T2 Compatible) With Autoprogramming, Monitoring and Report Generation	TFORCE AUTOLTE	1
532131	Avant X Pro-Sat with Auto-LTE: Programmable Amplifier with Digital Processing/ Filtering (32 Filters) 6i/2o "F": FM-4xVHF/UHF-SAT G 25-71-41dB Vo 118-118-123dBµV (DVB-T/T2 Compatible) With Autoprogramming, Monitoring and Report Generation	TFORCE AUTOLTE	1
Avant X Americas Edition			
532180	Avant X with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/1o "F": FM-4xVHFLow/VHFHigh/UHF G 21-75-45dB Vo 105-115-115dBµV (ISCBTb/ATSC/DVB-T2 Compatible)	TFORCE AUTOLTE	1
★ 532181	Avant X: Programmable Single Channel Headend with Digital Processing/Filtering (32 Filters) 6i/1o "F": FM-4xVHFLow/VHFHigh/UHF G 21-75-45dB Vo 105-115-115dBµV (ISCBTb/ATSC/DVB-T2 Compatible)	TFORCE LTE700	1
ACCESSORIES			
216810	OTG USB C-microUSB B Cable Male-Male 1m Black (Bag B2)	●	1
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box		50/500
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4071	DC Blocker "F"		10
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz		1/20
5750	Cabinet for Headend Amplifier 440x440x140mm		1
7234	Universal Programmer T.0X/T05/AVANT		1
★ 994903	Avant X Power Supply Unit 12V-1.5A		1

▲ 532601

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

▲ 216810

AVANT X PROGRAMMABLE HEADEND AMPLIFIER DIGITAL FILTERING AND PROCESSING

A NEW EVOLUTIVE STAGE

DIGITAL PROCESSING TECHNOLOGY IMPLEMENTED ON TERRESTRIAL TV SIGNALS

Internal filtering against LTE signals (4G/5G)

AUTO LTE 700 790

Compatible with **DVB-T, DVB-T2, ATSC, ISDB-T, ISdB-Tb**

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

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

DIGITAL PROCESSING OF CHANNELS
Output channels can be frequency shifted

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

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

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

USB connection using a OTG cable
(included in all the Avant X models)

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
508212	T12 Single Channel Amplifier FM 88..108MHz G 35dB Vo 114dBµV	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 5 Channels)	LTE700	1
509812	T12 Single Channel Amplifier High Selectivity UHF 470...862MHz G 50dB Vo 125dBµV	LTE700	1
509912	T12 Single Channel Amplifier DAB 195..232MHz G45dB Vo114dBµV	LTE700	1
Power supply unit			
549812	T12 Switch-mode Power Supply Unit 60W 24V-2.5A		1
★ 549880	T12 Switch-mode Power Supply Unit 28W 24V-1.2A, US plug		1
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
Accessories			
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box		50/500
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4071	DC Blocker "F"		10
5074	T12 "F" Connector Link Push Fit Type, 48mm		10

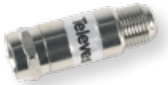
Ref.	Description		
COMPLEMENTS			
ATTENUATORS			
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass		1/10
4315	Adjustable Attenuator "IEC" Ø 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)		10
5165	Adjustable Attenuator "IEC" 0 to 20dB 40..860MHz DC Pass		10
FILTERS			
4007	Notch Filter "F" UHF (Ch21-69) 1 Channel & 1 Adjustment		1/10
LINE AMPLIFIERS			
400610	Line Amplifier UHF 1i71o "F": 470...790MHz G 13dB Vo 98dBµV (Plug-in)	LTE790	1/10
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			
401101	Earth Bar 5xConnectors "F"		1
401102	Earth Bar 6xConnectors "F"		1
401103	Earth Bar 7xConnectors "F"		1
401104	Earth Bar 9xConnectors "F"		1
401105	Earth Bar 11xConnectors "F"		1
401106	Earth Bar 13xConnectors "F"		1
401107	Earth Bar 17xConnectors "F"		1
401108	Earth Bar 21xConnectors "F"		1
401109	Earth Bar 27xConnectors "F"		1
★ 494710	Kit: 4xSurge Arrestor and Earth bar, 9x"F" Female		1
494711	Kit: 11xSurge Arrestor and Earth bar, 11x"F" Female		1

▲ 508612

▲ 549812/549880

▲ 5072

▲ 5069



▲ 4071

▲ 400620

▲ 549812

▲ 5301

▲ 494710

▲ 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
★ 564230	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat): 1 Ch or 3 Transponders(1Sat+LoopThru): 1 Ch Xcrypt re-encryption	1
564260	T.0X Transmodulator DVBS/S2-ISDBTb 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
Digital Cable Output		
563001	T.0X Twin Transmodulator DVBS/S2-QAM (47...862MHz)	1
563501	T.0X Transmodulator DVBS/S2-QAM CI (47...862MHz)	1
564101	T.0X Transmodulator DVBS/S2-QAM CI (47..862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
564401	T.0X Twin Transmodulator DVBS/S2-QAM CI (47..862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
564501	T.0X Hexa Transmodulator DVBS/S2-QAM (47...862MHz)	1
TRANSMODULATORS: DIGITAL TERRESTRIAL INPUT (MATV)		
IP output		
565701	T.0X Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams	1
565740	T.0X Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams Pro:Idiom re-encryption for DRM solution	1
Digital Terrestrial Output		
565101	T.0X Twin Transmodulator DVBT/T2-COFDM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T)	1
Digital Cable Output		
565201	T.0X Twin Transmodulator DVBT/T2-QAM CI (47...862MHz) Multiplexer: 2 Channels (DVB-T/T2) : 2 Channels (DVB-T)	1
TRANSMODULATORS: CABLE DIGITAL INPUT (MATV)		
Digital Cable Output		
565301	T.0X Twin Transmodulator ATSC/QAM (Annex B)-QAM (Annex A/B) (12...1002MHz)	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 Cable Output		
563801	T.0X Encoder/Modulator Twin, 2i: Component(YPbPr) - 1Mux: QAM (MPEG2/4)	1
563802	T.0X Encoder/Modulator Quad, 4i A/V: CVBS - 1Mux: QAM (MPEG2/4)	1
563803	T.0X Encoder/Modulator Twin, 2i: HDMI / Component(YPbPr) - 1Mux: QAM (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		
563805	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) - 1Mux: IP/QAM (Annex B) 2i: HDMI / Component(YPbPr) / IP - 1Mux: QAM (Annex B)	1
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		
563805	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) - 1Mux: IP/QAM (Annex B) 2i: HDMI / Component(YPbPr) / IP - 1Mux: QAM (Annex B)	1
563852	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) / CVBS - 1Mux: IP/COFDM/QAM 2i: HDMI / Component(YPbPr) / CVBS / IP - 1Mux: COFDM/QAM	1
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
5806	T.0X Twin Modulator Analogue A/V-PAL Stereo (VSB 47...862MHz)	1
580610	T.0X Twin Modulator Analogue A/V-PAL Mono (VSB 47..862MHz)	1
580612	T.0X Twin Modulator Analogue A/V-NTSC Mono	1
A/D CHANNEL PROCESSORS		
564901	T.0X Twin Processor Analogue/Digital Channel (47...862MHz)	1

STREAMERS T.0X IP

▲ 565701

▲ 565801

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

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

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

▲ T.0X Encoders

Generate your own DTT content in High Definition.

▲ 5806

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...862MHz G 44dB Vo 120dBµV	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
567202	Wall Mount 275mm 5RU, Depth: 170mm (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
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box	50/500
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
4947	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1/20
5673	T.0X Blank Plate 50mm - 5RU	1

Ref.	Description	
OTHER		
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
★ 585910	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1
MODULATORS/ENCODERS: IP INPUT		
Digital Terrestrial or Cable Output		
★ 718201	Chassis with Double Power Supply, 6 Slots for slot-in Encoder/Modulator. 19" Rack Mount, 1RU	1
★ 718210	Slot-in Encoder/Modulator IP - COFDM (8Mux)	1
★ 718220	Slot-in Encoder/Modulator IP - QAM (16Mux)	1

▲ 5559

▲ 507204

◤ 507203 (T.0X units not included)

▲ 5239

▲ 5301

▲ 567401

▲ 216802

▲ 585910

▲ 567250

▲ 567201

OPTICAL FIBRE

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
234806	T.0X Optical Transmitter CATV 1550nm "SC/APC" Po 6dBm w/o Return Path External modulation and RF Automatic Adjustment (up to 30Km). DOCSIS 3.1 compatible	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
233501	T.0X Optical Receiver SMATV 1200...1600nm "SC/APC" w/o Return Path, 54...2150MHz	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
234228	T.0X Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm	1
Power supply units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.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
567202	Wall Mount 275mm 5RU, Depth: 170mm (1 PSU + 4 T.0X Modules)	1
Accessories		
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box	50/500
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

▲ 234228

▲ 234221

▲ 234401 ▲ 234501 ▲ 234601

▲ 234701 ▲ 234702

◤ 5629

◤ 562910

OPTICAL FIBRE

Ref.	Description	
19-INCH RACK FORMAT		
OPTICAL TRANSMITTERS		
Forward path TX		
769801	Optical Transmitter SMATV 1550nm "SC/APC" Po 5dBm w/o Return Path 19" Rack Mount, 1RU	1
769812	Optical Transmitter CATV 1550nm "SC/APC" Po 6dBm w/o Return Path External modulation and RF Automatic Adjustment (up to 30Km). DOCSIS 3.1 compatible 19" Rack Mount, 1RU	1
769902	Optical Transmitter SMATV 1310nm "SC/APC" Po 6dBm w/o Return Path, 19" Rack Mount, 1RU	1
769903	Optical Transmitter SMATV 1310nm "SC/APC" Po 10dBm w/o Return Path, 19" Rack Mount, 1RU	1
AMPLIFIERS		
769610	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
769611	Optical Amplifier / Multiplexer "SC/APC" 20dBm (YEDFA Technology) 33i: 32x1310/1490nm - 1x1550nm, 32o: 32x1310/1490/1550nm + Double Power Supply Unit. 19" Rack Mount, 2RU	1
769612	Optical Amplifier / Multiplexer "SC/APC" 17dBm (YEDFA Technology) 9i: 8x1310/1490nm - 1x1550nm, 8o: 8x1310/1490/1550nm + Double Power Supply Unit -48Vdc. 19" Rack Mount, 1RU (for OLT)	1
★ 769620	Optical Amplifier 1i/1o: 1550nm "SC/APC" 20dBm (EDFA Technology) + 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		
With return path (node)		
★ 231080	Outdoor Optical Node 1200...1600nm "SC/APC" Selectable Return Path 1310nm: 5... 42/300MHz (2 Fiber) with Amplifier 2o: 54...1220MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering)(US plug)	1
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
231282	Outdoor Optical Receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 2o: 54...1006MHz, OLC Technology (Local Powering)(US plug)	1
MINI-NODES (FIBERKOM SERIES)		
With return path (mini-node)		
238001	FiberKom Optical Mini-node 1200...1600nm "SC/APC" Return Path 1310nm (2 Fibers) with Amplifier 87...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering)	1
238004	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 105...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Remote Powering)	1
238005	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 105...1218MHz DOCSIS 3.1 Compatible. OLC Technology (Local Powering)	1
238081	FiberKom Optical Mini-node 1200...1600nm "SC/APC" Return Path 1310nm (2 Fibers) with Amplifier 54...1006MHz, OLC Technology (Local Powering, US Plug)	1
238083	FiberKom Optical Mini-node 1550nm "SC/APC" Return Path 1610nm (1 Fiber) with Amplifier 54...1006MHz. OLC Technology (Local or Remote Powering, US Plug)	1
Without return path (mini-receiver)		
238079	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Local Powering)	1
238101	FiberKom Optical Mini-receiver 1200...1600nm "SC/APC" without Return Path (1 Fiber) with Amplifier 47...1006MHz, OLC Technology (Remote Powering)	1
MICRO-NODES		
Without return path (micro-receiver)		
2311	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 87...862/950...2400MHz with Automatic Adjustment	1
231110	Domestic Optical Receiver 1200...1600nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	1
231111	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology	1
231180	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology (110Vac & UL Listed)	1
231181	Domestic Optical Receiver 1550nm "SC/APC" with Amplifier 47...1006MHz, OLC Technology (110Vac)	1

▲ 769902

▲ 769903

▲ 238201

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

▲ Micro-Node:
145 x 60 x 35 mm

▲ Outdoor Node:
232 x 140 x 90 mm

OPTICAL FIBRE

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Ref.	Description		
OPTICAL LNB SOLUTION			
LNB			
2353	Offset Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm (Up to 32 converters), Grey	●	1
2363	Prime Focus Optical LNB 1310nm "FC/PC" G 72dB Po 7dBm, Grey	●	1
KIT: LNB AND OPTICAL CONVERTER			
236801	RF/Optical Converter ODU32 1310nm "F"-"N"-"FC/PC": DAB/UHF-SAT + Offset LNB + AC/DC Adapter + Interconnection Accessories		1
236810	RF/Optical Converter ODU32 1550nm "F"-"N"-"FC/PC": DAB/UHF-SAT + Offset LNB + AC/DC Adapter + Interconnection Accessories		1
CONVERTERS			
236903	Optical/RF Converter "FC/PC"-"F" Quad FM/DAB/UHF-SAT		1
237003	Optical/RF Converter "FC/PC"-"F" Quattro FM/DAB/UHF-SAT		1
237201	dCSS Optical/RF Converter GTU "FC/PC"-"F" Twin FM/DAB/UHF-SAT		1
OPTICAL SYSTEMS WITH WDM			
Full SAT + DTT			
237301	Optical Transmitter / Multiplexer "SC/APC". 2i: 1310/1490nm(Sat) - RF(Terr.), 1o: 1310/1490/1550nm(Sat/Terr.), 6dBm		1
★ 237320	Optical Receiver / Demultiplexer "SC/APC" (-8...+1dBm) with Satellite Selection Switch. 1i: 1310/1550nm(Sat/Sat+Terr.), 4o: RF(Sat+Terr.) Vo 78dBµV DIN rail installation		1
Fiber4Sat			
237901	Optical Transmitter / Multiplexer DWDM "SC/APC" 9dBm 5i: 4x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr)		1
237902	Optical Transmitter / Multiplexer CWDM "SC/APC" 6dBm 5i: 4x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(4xSat+Terr)		1
237910	Optical Transmitter / Multiplexer Module DWDM "SC/APC" 9dBm 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr)		1
237920	Optical Transmitter / Multiplexer CWDM Module "SC/APC" 6dBm 3i: 2x 1100...1650nm(Sat) - RF(Terr.), 1o: 1550nm(2xSat+Terr)		1
WDM Multiplexers			
234755	DWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1550,12nm (Ch34) / 1150,92nm (Ch33) / 1551,72nm (Ch32) / 1552,52nm (Ch31)		1
234756	CWDM Component, Optical Multiplexer / Demultiplexer 1i/4o "FC/PC": 1510/1530/1550/1570nm		1
AUXILIARY EQUIPMENT			
Splitters			
235701	Optical Splitter 1310/1550nm "FC/PC" 2W 4dB		1
235801	Optical Splitter 1310/1550nm "FC/PC" 3W 5.5dB		1
235901	Optical Splitter 1310/1550nm "FC/PC" 4W 7dB		1
236001	Optical Splitter 1310/1550nm "FC/PC" 8W 10.1dB		1
Attenuators			
2364	Optical Attenuator 1310/1550nm "FC/PC" 5dB		1
2365	Optical Attenuator 1310/1550nm "FC/PC" 10dB		1
2366	Optical Attenuator 1310/1550nm "FC/PC" 15dB		1
Pre-terminated patch cords			
2361	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 3m	●	1
236101	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 5m	●	1
236102	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 10m	●	1
236103	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 20m	●	1
236104	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 30m	●	1
236105	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 40m	●	1
236106	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 50m	●	1
236107	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 75m	●	1
236108	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 100m	●	1
236109	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 200m	●	1
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m	●	1
Accessories			
2354	Fiber Optics Connector for 2 "FC"-"FC" Pre-terminated Patch Cords Interconnection		5
2356	Fibrer Optics Adapter for a "FC"-"SC" Connector Change, of 2 Pre-terminated Patch Cords		5
237050	Power Supply Unit 20V-1.2A (for Ref. 237003/236903)		1
732210	Power Supply Unit 12V-1.5A (UK plug)		1
732802	Power Supply Unit 12.5V-2.8A		1

▲ 236810

◤ 237003

◤ 237301

▲ 237320

▲ 235701

▲ 2361xx

OPTICAL FIBRE

Ref.	Description	
OPTICAL DISTRIBUTION		
ATTENUATTORS		
236410	Optical Attenuator 1310/1550nm "SC/APC" 2dB	1
236411	Optical Attenuator 1310/1550nm "SC/APC" 5dB	1
236412	Optical Attenuator 1310/1550nm "SC/APC" 10dB	1
SPLITTERS (PLC)		
233750	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 2W 4dB	1
233850	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 64W 20dB	1
233950	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 4W 7dB	1
234450	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 8W 10dB	1
234550	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 16W 14dB	1
234650	Optical Splitter, PLC Component, 1260...1650nm "SC/APC" 32W 17dB	1
MULTIPLEXERS (WDM)		
234740	WDM Module Optical Multiplexer/Demultiplexer 1i/2o "SC/APC": GPON+RF: Data (1310/1490nm) - TV (1550nm)	1
OUTLETS/KEYSTONES		
★ 233230	Keystone Module for F.O. Adapter "SC / APC" Female, Plastic Box	25
★ 233231	F.O. Outlet: Keystone Module with Adapter "SC / APC" Female, Plastic Box	20
★ 233240	F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 10m	1
★ 233241	F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 15m	1
ACCESSORIES		
231502	F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)	1
2354	Fiber Optics Connector for 2 "FC"-"FC" Pre-terminated Patch Cords Interconnection	5
2356	Fibrer Optics Adapter for a "FC"-"SC" Connector Change, of 2 Pre-terminated Patch Cords	5
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1

Ref.	Description			
F.O. CABLES				
MULTI-FIBRE				
Tight buffer 250µm				
231414	Multi-fiber Cable 16 Single-mode Fibers Indoor/Outdoor LSFH Dca		●	x m
231614	Multi-fiber Cable 24 Single-mode Fibers Indoor/Outdoor LSFH Dca		●	x m
231714	Multi-fiber Cable 48 Single-mode Fibers Indoor/Outdoor LSFH Dca		●	x m
4 FIBRES				
Tight buffer 250µm				
231911	4 Fiber Cable Single-mode Indoor LSFH Fca	○	●	300
2 FIBRES				
Tight buffer 900µm				
231901	2 Fiber Cable Single-mode Indoor LSFH Dca	○	●	300
231902	2 Fiber Cable Single-mode Indoor LSFH Dca	○	●	750
232001	2 Fiber Cable Single-mode Outdoor LSFH Dca	○	●	200
232002	2 Fiber Cable Single-mode Outdoor LSFH Dca	○	●	500

▲ 236410

▲ 233850

▲ 234740

F.O. CABLES

Fiber's tight buffer Ø 250µm

▲ 48 Fibers (231714)

▲ 24 Fibers (231614)

▲ 16 Fibers (231414)

▲ 4 Fibers - Indoor (231911)

Fiber's tight buffer Ø 900µm

▲ 2 Fibers - Indoor (231901 / 231902)

▲ 2 Fibers - Outdoor (232001 / 232002)

▲ 233230

▲ 233231

OPTICAL FIBRE

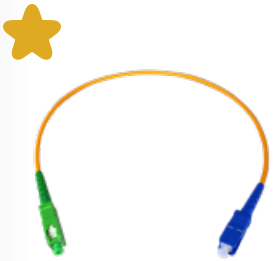
Televes

Ref.	Description		
F.O. CABLES			
PRE-TERMINATED PATCH CORDS			
With SC/APC connectors			
232602	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail	○	25
★ 232611	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 10m	●	1
★ 232612	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m	●	1
★ 232614	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m	●	1
★ 232616	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m	●	1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)	●	10
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)	●	10
★ 232652	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m	●	1
★ 232654	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m	●	1
★ 232656	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m	●	1
★ 232657	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 55m	●	1
With FC/PC connectors			
2361	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 3m	●	1
236101	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 5m	●	1
236102	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 10m	●	1
236103	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 20m	●	1
236104	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 30m	●	1
236105	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 40m	●	1
236106	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 50m	●	1
236107	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 75m	●	1
236108	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 100m	●	1
236109	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 200m	●	1
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m	●	1
Adapter cords			
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"SC/UPC" 0.2m	●	5
★ 232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"FC/UPC" 2m (Bag B4)	●	10
★ 232625	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC"-"SC/UPC" 0.4m	●	1
ACCESSORIES			
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black	●	1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black	●	1
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)		1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)		1
233203	Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap		25
233210	Twin Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap		20/1000
2354	Fiber Optics Connector for 2 "FC"-"FC" Pre-terminated Patch Cords Interconnection		5
2356	Fibrer Optics Adapter for a "FC"-"SC" Connector Change, of 2 Pre-terminated Patch Cords		5

▲ 232611

▲ 232652

▲ 236103



▲ 232625

▲ 2354

▲ 2356

▲ 233203

▲ 233210

◤ 2120xx
(Cable drum not included)

OPTICAL FIBRE

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

▲ 2341

▲ 2340

▲ 2322

▲ 232301

▲ 232105

▲ 232310

▲ 2324

▲ 2329

▲ 232910

MULTISWITCHES

Televes

Ref.	Description	
EUROSWITCH SERIES		
9X - 2 SATELLITE		
Multiswitches		
719601	Multiswitch 9x9x8 "F" Terminal/Cascade	1
719603	Multiswitch 9x9x16 "F" Terminal/Cascade	1
719604	Multiswitch 9x9x24 "F" Terminal/Cascade	1
719605	Multiswitch 9x9x32 "F" Terminal/Cascade	1
Accessories		
719609	Amplifier 9x9 "F" Ret.P/MATV/IF G -/27/31dB Vo 114/118dBµV	1
17X - SATELLITE		
Multiswitches		
719801	Multiswitch 17x17x8 "F" Terminal/Cascade	1
719803	Multiswitch 17x17x16 "F" Terminal/Cascade	1
719804	Multiswitch 17x17x24 "F" Terminal/Cascade	1
719805	Multiswitch 17x17x32 "F" Terminal/Cascade	1
Accessories		
719809	Amplifier 17x17 "F" Ret.P/MATV/IF G -/27/31dB Vo 114/118dBµV	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
714413	Quad Compatible Multiswitch 5x5x8 "F" Terminal/Cascade (12V-1.5A PSU with UK plug included)	1
714414	Quad Compatible Multiswitch 5x5x12 "F" Terminal/Cascade (12V-1.5A PSU with UK plug included)	1
714415	Quad Compatible Multiswitch 5x5x16 "F" Terminal/Cascade (12V-1.5A PSU with UK plug included)	1
714416	Quad Compatible Multiswitch 5x5x24 "F" Terminal/Cascade (12V-1.5A PSU with UK plug included)	1
714417	Quad Compatible Multiswitch 5x5x32 "F" Terminal/Cascade (12V-1.5A PSU with UK plug 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
9X - 2 SATELLITE		
Multiswitches		
714601	Multiswitch 9x9x8 "F" Terminal/Cascade	1
714602	Multiswitch 9x9x12 "F" Terminal/Cascade	1
714603	Multiswitch 9x9x16 "F" Terminal/Cascade	1
714604	Multiswitch 9x9x24 "F" Terminal/Cascade	1
714605	Multiswitch 9x9x32 "F" Terminal/Cascade	1
Quad multiswitches		
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

EUROSWITCH SERIES

SCALABLE RANGE OF MULTISWITCHES WITH EUROPEAN DESIGN, QUALITY AND MANUFACTURING

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

▲ 714501

▲ 714404

▲ 714601

en.televes.com/nevoswitch

MULTISWITCHES

NEVOSWITCH SERIES

13X - 3 SATELLITE

Multiswitches

714701	Multiswitch 13x13x8 "F" Terminal/Cascade	1
714702	Multiswitch 13x13x12 "F" Terminal/Cascade	1
714703	Multiswitch 13x13x16 "F" Terminal/Cascade	1
714704	Multiswitch 13x13x24 "F" Terminal/Cascade	1
714705	Multiswitch 13x13x32 "F" Terminal/Cascade	1

Accessories

714709	Amplifier 13x13 "F" Ret.P/MATV/IF G -/27/31dB Vo 112/119dBµV	1

17X - 4 SATELLITE

Multiswitches

714801	Multiswitch 17x17x8 "F" Terminal/Cascade	1
714802	Multiswitch 17x17x12 "F" Terminal/Cascade	1
714803	Multiswitch 17x17x16 "F" Terminal/Cascade	1
714804	Multiswitch 17x17x24 "F" Terminal/Cascade	1
714805	Multiswitch 17x17x32 "F" Terminal/Cascade	1

Accessories

714809	Amplifier 17x17 "F" Ret.P/MATV/IF G -/27/31dB Vo 112/119dBµV	1

Ref.	Description	

DCSS NEVOSWITCH SERIES

5X - 1 SATELLITE

Multiswitches

714101	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Sky version)	1
714102	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (SKY version)	1
714103	dCSS Multiswitch 5x5x8 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (SKY version)	1
714104	dCSS Multiswitch 5x5x12 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (SKY version)	1
714105	dCSS Multiswitch 5x5x16 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (SKY version)	1
714111	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Deutsche version)	1
714112	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Deutsche version)	1
714121	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Multichoice version)	1
714122	dCSS Multiswitch 5x5x4 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Multichoice version)	1
714141	dCSS Multiswitch 5x5x2 "F" Terminal/Cascade, Switchable Adjustable/Passive Terrestrial (Polish version)	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
732802	Power Supply Unit 12.5V-2.8A	1

18V

732001	Power Supply Unit 18V-2A (NevoSwitch dCSS/EuroSwitch)	1
732010	Power Supply Unit 18V-2A (dCSS NevoSwitch/EuroSwitch, UK plug)	1

Ref.	Description	

ACCESSORIES

3821	"Quick F" Male - "F" Male Adapter, Plastic Box	50/500
401101	Earth Bar 5xConnectors "F"	1
401102	Earth Bar 6xConnectors "F"	1
401103	Earth Bar 7xConnectors "F"	1
401104	Earth Bar 9xConnectors "F"	1
401105	Earth Bar 11xConnectors "F"	1
401106	Earth Bar 13xConnectors "F"	1
401107	Earth Bar 17xConnectors "F"	1
401108	Earth Bar 21xConnectors "F"	1
401109	Earth Bar 27xConnectors "F"	1
★ 4174	Set of 5 Colour Coded Leads "Quick F" 260mm	1/50
732150	DC Cable "F"-"Jack" Female 0,4m	1
7450	Current Injector 10...2150MHz 1...24Vdc-1.5A	1/20

▲ 714805

THE NEW AND INNOVATIVE NEVOSWITCH IMPLEMENTING **dCSS TECHNOLOGY**, WITH **DCFLEX FUNCIONALITY**

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

uk.televes.com/**dcssnevoswitch**

▲ 719001

▲ 732802

▲ 4174

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)		8
432902	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass All (Blister T1)		8
434103	Mini-Splitter 5...2400MHz "EasyF" 2W 4.5/4.3dB DC Pass All With Outdoor Mounting Case (Blister T1)	●	10
434202	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB DC Pass O-I With Outdoor Mounting Case (Blister T1)	●	8
542903	Mini-Splitter 5...2400MHz "EasyF" 2W 4.5/4.3dB Indoor DC Pass O-I + UAP		10
5430	Splitter 5...2400MHz "EasyF" 6W 14/14dB Indoor + UAP		6
5433	Splitter 5...2400MHz "EasyF" 8W 14/16dB Indoor + UAP		6
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
543902	Splitter 5...2400MHz "EasyF" 3W 9/8dB Indoor DC Pass O-I + UAP		10
544902	Splitter 5...2400MHz "EasyF" 4W 9/7.5dB Indoor DC Pass O-I + UAP		10
5454	Splitter 5...2400MHz "EasyF" 5W 11/13dB Indoor + UAP		6
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
Accessories			
4087	Terminal Load "EasyF" 75Ohm with DC Blocked		25
408701	Terminal Load "EasyF" 75Ohm with DC Blocked, Plastic Box		100
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	●	1/10
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10
F SERIES			
Terrestrial + Satellite			
5150	Splitter 5...2400MHz "F" 2W 4/5dB Indoor		1/10
★ 515020	Splitter 5...2400MHz "F" 2W 4/5dB Indoor + UAP		1/10
5151	Splitter 5...2400MHz "F" 3W 7/9dB Indoor		1/10
★ 515120	Splitter 5...2400MHz "F" 3W 7/9dB Indoor + UAP		1/10
5152	Splitter 5...2400MHz "F" 4W 8/10dB Indoor		1/10
5153	Splitter 5...2400MHz "F" 5W 10/12dB Indoor		1/10
5154	Splitter 5...2400MHz "F" 4W 8/10dB Indoor + UAP		1/10
5155	Splitter 5...2400MHz "F" 2W 4/5dB Indoor DC Pass All		1/10
5156	Splitter 5...2400MHz "F" 4W 8/10dB Indoor DC Pass All		1/10
5157	Splitter 5...2400MHz "F" 5W 10/12dB Indoor DC Pass All		1/10
5158	Splitter 5...2400MHz "F" 6W 11/14dB Indoor DC Pass All		1/10
5159	Splitter 5...2400MHz "F" 8W 12/15dB Indoor DC Pass All		1/10
5160	Splitter 5...2400MHz "F" 5W 10/12dB Indoor + UAP		1/10
5161	Splitter 5...2400MHz "F" 7W 12/15dB Indoor + UAP		1/10
7406	Splitter 5...2400MHz "F" 8W 12/15dB Indoor		1/10
7441	Splitter 5...2400MHz "F" 6W 11/14dB Indoor		1/10
Terrestrial			
453003	Splitter 5...1220MHz "F" 2W 4dB Indoor		1/10
453103	Splitter 5...1220MHz "F" 4W 8dB Indoor		1/10
453203	Splitter 5...1220MHz "F" 3W 6dB Indoor		1/10
453303	Splitter 5...1220MHz "F" 8W 11dB Indoor		1/10
453403	Splitter 5...1220MHz "F" 6W 10dB Indoor		1/10
Satellite			
7402	Splitter 950...2150MHz "F" 8W 1...4dB Indoor Active		1
Accessories			
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box		50/500
4058	Terminal Load "F" 75Ohm without DC Blocked		10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box		100
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
545501	Face Plate White 93x74x21mm	○	10
PLUG-IN			
Terrestrial			
4320	Inductive Splitter "IEC" Ø 9.5mm 1 Male - 2 Females DC Pass 1 output (Bag B1)		10
4322	Inductive Splitter "IEC" Ø 9.5mm 1 Female - 2 Males DC Pass All (Bag B1)		10

▲ Mini-Splitter 57x 47 x 13 mm

WHITE FACE PLATE FOR MINI SERIES

▲ 545510

BLACK OUTDOOR CASE FOR MINI SERIES

▲ 432902

▲ 5150

▲ 7406

▲ 4061

▲ 4322

Ref.	Description		
TAPS			
EASYF SERIES			
Terrestrial + Satellite			
542503	Mini-Tap 5...2400MHz "EasyF" 2W 12dB Indoor DC Pass I-O (TA - Floor 1)		10
542603	Mini-Tap 5...2400MHz "EasyF" 2W 16dB Indoor DC Pass I-O (A - Floors 2 & 3)		10
542703	Mini-Tap 5...2400MHz "EasyF" 2W 21dB Indoor DC Pass I-O (B - Floors 4...6)		10
542803	Mini-Tap 5...2400MHz "EasyF" 2W 25dB Indoor DC Pass I-O (C - Floors 7...12)		10
544402	Tap 5...2400MHz "EasyF" 4W 12dB Indoor DC Pass I-O (TA - Floor 1)		10
544502	Tap 5...2400MHz "EasyF" 4W 16dB Indoor DC Pass I-O (A - Floors 2 & 3)		10
544602	Tap 5...2400MHz "EasyF" 4W 20dB Indoor DC Pass I-O (B - Floors 4 & 5)		10
544702	Tap 5...2400MHz "EasyF" 4W 25dB Indoor DC Pass I-O (C - Floors 6...8)		10
5492	Tap 5...2400MHz "EasyF" 6W 16dB Indoor DC Pass I-O (TA - Floor 1)		6
5493	Tap 5...2400MHz "EasyF" 6W 20dB Indoor DC Pass I-O (A - Floors 2 & 3)		6
5494	Tap 5...2400MHz "EasyF" 6W 24dB Indoor DC Pass I-O (B - Floors 4 & 5)		6
5610	Tap 5...2400MHz "EasyF" 8W 16dB Indoor DC Pass I-O (TA - Floor 1)		6
5611	Tap 5...2400MHz "EasyF" 8W 22dB Indoor DC Pass I-O (A - Floor 2)		6
Accessories			
4087	Terminal Load "EasyF" 75Ohm with DC Blocked		25
408701	Terminal Load "EasyF" 75Ohm with DC Blocked, Plastic Box		100
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	●	1/10
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10

▲ 542503

▲ 544502

▲ 5492

▲ 4087

▲ 4163

▲ 417801

Televes

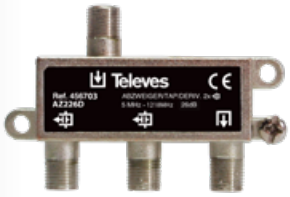
Ref.	Description		
TAPS			
F SERIES			
Terrestrial + Satellite			
5130	Tap 5...2400MHz "F" 2W 12dB Indoor (TA - Floor 1)		1/10
5131	Tap 5...2400MHz "F" 2W 15dB Indoor (A - Floors 2 y 3)		1/10
5132	Tap 5...2400MHz "F" 2W 18dB Indoor (B - Floors 4 & 5)		1/10
5133	Tap 5...2400MHz "F" 2W 23dB Indoor (C - Floors 6 & 7)		1/10
5134	Tap 5...2400MHz "F" 2W 27dB Indoor (D - Floors 8...10)		1/10
5135	Tap 5...2400MHz "F" 6W 19dB Indoor (TA - Floor 1)		1/10
5136	Tap 5...2400MHz "F" 6W 21dB Indoor (A - Floors 2 y 3)		1/10
5137	Tap 5...2400MHz "F" 6W 25dB Indoor (B - Floors 4...6)		1/10
514110	Tap 5...2400MHz "F" 4W 12dB Indoor DC Pass All (TA - Floor 1)		1/10
514210	Tap 5...2400MHz "F" 4W 16dB Indoor DC Pass All (A - Floors 2 & 3)		1/10
514310	Tap 5...2400MHz "F" 4W 19dB Indoor DC Pass All (B - Floors 4 & 5)		1/10
514410	Tap 5...2400MHz "F" 4W 24dB Indoor DC Pass All (C - Floors 6...8)		1/10
514510	Tap 5...2400MHz "F" 4W 29dB Indoor DC Pass All (D - Floors 9 & 10)		1/10
5146	Tap 5...2400MHz "F" 8W 19dB Indoor (TA - Floor 1)		1/10
5147	Tap 5...2400MHz "F" 8W 20dB Indoor (A - Floors 2 y 3)		1/10
5148	Tap 5...2400MHz "F" 8W 25dB Indoor (B - Floors 4...6)		1/10
Terrestrial			
451803	Tap 5...1220MHz "F" 1W 14dB Indoor		1/10
451903	Tap 5...1220MHz "F" 1W 17dB Indoor		1/10
456103	Tap 5...1220MHz "F" 2W 8dB Indoor		1/10
456203	Tap 5...1220MHz "F" 2W 11dB Indoor		1/10
456303	Tap 5...1220MHz "F" 2W 14dB Indoor		1/10
456603	Tap 5...1220MHz "F" 2W 23dB Indoor		1/10
456703	Tap 5...1220MHz "F" 2W 26dB Indoor		1/10
457103	Tap 5...1220MHz "F" 4W 8dB Indoor		1/10
457203	Tap 5...1220MHz "F" 4W 11dB Indoor		1/10
457303	Tap 5...1220MHz "F" 4W 14dB Indoor		1/10
457403	Tap 5...1220MHz "F" 4W 17dB Indoor		1/10
457503	Tap 5...1220MHz "F" 4W 20dB Indoor		1/10
457603	Tap 5...1220MHz "F" 4W 23dB Indoor		1/10
457703	Tap 5...1220MHz "F" 4W 26dB Indoor		1/10
457803	Tap 5...1220MHz "F" 8W 12dB Indoor		1/10
457903	Tap 5...1220MHz "F" 8W 14dB Indoor		1/10
458003	Tap 5...1220MHz "F" 8W 17dB Indoor		1/10
458103	Tap 5...1220MHz "F" 8W 20dB Indoor		1/10
Accessories			
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box		50/500
4058	Terminal Load "F" 75Ohm without DC Blocked		10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box		100
4061	Terminal Load "F" 75Ohm with DC Blocked		10/200
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm	●	1/5
4177	Outdoor Case Black Small Model Dimensions: External 113x88x35mm Internal 92x66x27mm	●	1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm	●	1/10
545501	Face Plate White 93x74x21mm	○	10
545510	Face Plate for Mini Series White 62x56x18mm	○	10

▲ 5132

▲ 5135

▲ 514110

▲ 451803



▲ 456703

▲ 4061

DISTRIBUTION

Ref.	Description			
OUTLETS				
SCREW-FREE MOUNTING				
Terrestrial - 2 connectors				
4372	End Outlet 5...862MHz, TV-FM 4.5-18dB w/o DC Pass + Face Plate (Blister T1)			8
4373	Through Outlet 5..862MHz, TV-FM 9.5-24dB w/o DC Pass + Face Plate (Blister T1)			8
5230	End Outlet 5...862MHz, TV-FM 4.5-18dB without DC Pass			10/100
5231	Through Outlet 5...862MHz, TV-FM 9.5-24dB without DC Pass			10/100
523110	Through Outlet 5...790MHz, TV-FM 9.5-24dB without DC Pass	LTE790		10/100
5232	End Outlet Diplexed 5...1000MHz, TV-FM 0.5-3dB without DC Pass			10/100
523202	End Outlet Diplexed 5...1000MHz, TV-FM 0.5-3dB without DC Pass (without Clamps)			1/10/100
5233	Through Outlet 5...1000MHz, TV-FM 7-26dB without DC Pass			10/100
Terrestrial - 2 connectors DOCSIS 3.1				
523211	End Outlet Diplexed 5...1218MHz, TV-FM 1-1dB with DC Pass			1/10/100
523310	Through Outlet 5...1218MHz, TV-FM 6-6dB with DC Pass			1/10/100
523311	Through Outlet 5...1218MHz, TV-FM 8-8dB with DC Pass			1/10/100
523312	Through Outlet 5...1218MHz, TV-FM 10-10dB with DC Pass			1/10/100
523313	Through Outlet 5...1218MHz, TV-FM 13-13dB with DC Pass			1/10/100
Terrestrial + satellite - 2 connectors				
4301	End Outlet Diplexed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)			8
4335	Bridged Outlet + Face Plate TV-R + Back Box for Surface Mountig Outlet (Blister T1)			8
5226	End Outlet Diplexed 5...862/950...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass			10/100
5227	Through Outlet Splitter 5...2150MHz,TV/FM-SAT 13-14dB with DC Pass (Floors 3...5)			10/100
5228	Through Outlet Diplexed 5...2150MHz,TV/FM-SAT 8.5-10dB with DC Pass (Floors 2)			10/100
5229	End Outlet Splitter 5...2150MHz,TV/FM-SAT 4-5dB with DC Pass (Floor 1)			10/100
5270	Through Outlet Bridged (Chassis Only)			10/100
Terrestrial + satellite - 3 connectors				
524201	Through Outlet Triplexed 87...2400MHz, TV-FM-SAT 11-15-10dB with DC Pass			1/10/100
524501	End Outlet Triplexed 5..2400MHz, TV/FM-SAT1-SAT2 1-1.5-1dB with DC Pass			10/100
524603	End Outlet 5..2400MHz, TV-FM-SAT 4-4-1.5dB with DC pass			10/100
Multimedia				
524001	End Outlet Multimedia 5...1218MHz, TV-FM-DATA 8-7-3.6dB			10/100
524701	Through Outlet Multimedia 5..1218MHz, TV-FM-DATA 12-14.5-12dB			10/100
524801	Through Outlet Multimedia 5..1218MHz, TV-FM-DATA 19-20-17.5dB			10/100
5250	End Outlet Triplexed 5...2150MHz, TV-FM-SAT/DATA 5-3.8-6.5/4.5dB with DC Pass			10/100
SCREW MOUNTING				
Terrestrial + satellite - 4 connectors				
516110	Quad End Outlet 5...2200MHz, FM-TV-SAT1-SAT2 8-5-3-2.8dB with DC Pass + Back Box + Face Plate			10/100
FACE PLATES				
80x80mm				
4336	White Back Box for Surface Mounting Outlet (Blister T1)		◯	10
527402	Face Plate White for TV/R-SAT-DATA Outlet		◯	12
5275	Face Plate White for TV-R-SAT-DATA Outlet		◯	10
5440	Face Plate White for TV/R-SAT Outlet		◯	10
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				
3809	Terminal Load "EasyF" 75Ohm without DC Blocked, Plastic Box			100/1000
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box			50/500
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

▲ 5226

▲ 524603

▲ 527402

▲ 516110

▲ 5442

▲ 544101

CABINETS FOR THE DISTRIBUTION OF FIBRE, DATA OR COAXIAL CABLE

Televes

Ref.	Description	
19" RACKS		
RACKS		
533105	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533107	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533112	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x870x400mm. Wall/Ground Mount (2x1RU cable panels included)	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x1200x400mm. Ground Mount (2x1RU cable panels included)	1
533141	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount (Disassembled)	1
533142	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount	1
ACCESSORIES		
533001	Power Distribution Unit 8 Schuko Outlets 16A for Rack 19'' 1RU, Black	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533153	T.0X Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
533158	Cable Management for Rack 19" 1RU, 5 Rings	1
533159	Cable Management for Rack 19" 1RU, 1 Hole with Brush Strip	1
533160	Cable Management for Rack 19" 1RU, Front Cover	1
533162	Blank Panel for Rack 19" 2RU	1
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units)	1
533171	Kit for Rack 19": 4 Wheels and Screws	1

Ref.	Description	
CABINETS AND PLATES		
CABINETS		
5750	Cabinet for Headend Amplifier 440x440x140mm	1
5893	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 300x400x200mm	1
589301	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x400x200mm	1
589302	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x600x200mm	1
589303	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x600x200mm	1
589304	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x800x200mm	1
PLATES		
5894	Perforated Mounting Plate 300x400mm, Distance from the wall 19mm	1
589401	Perforated Mounting Plate 400x400mm, Distance from the wall 19mm	1
589402	Perforated Mounting Plate 400x600mm, Distance from the wall 19mm	1

▲ 533113

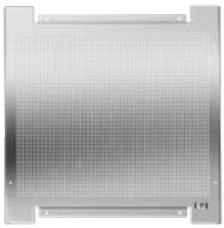
▲ 533106

▲ 533117

▲ 533157

▲ 533152

▲ 5893


▲ 589401

▲ 533105 ▲ 533107 ▲ 533112

CABINETS FOR THE DISTRIBUTION OF FIBRE, DATA OR COAXIAL CABLE

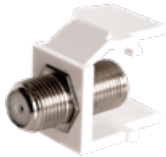
Ref.	Description	
ENCLOSURES		
ENCLOSURES		
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)	1
231310	Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)	1
233002	Main Terminal Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
233003	Stackable Main Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
546601	Closed Main Terminal Enclosure for Data/Coaxial Distribution (Up to 48 connections)	1
546610	Open Main Terminal Panel for Data/Coaxial Distribution (Up to 24 connections)	1
546701	Data/Coaxial/Fibre Network Terminal Enclosure with Flexible Front Frame	1
★ 546702	Data/Coaxial/Fibre Network Terminal Enclosure	1
ACCESSORIES		
546620	Coaxial Adapter Support "F" Female - "F" Female, for Panels (Refs. 546602 and 546610)	1

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

▲ 231301

▲ 546601

▲ 546701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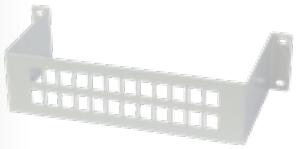

▲ 546610

▲ 209910

▲ 231502

▲ 23152x / 23153x

COAXIAL CABLES AND CONNECTORS

Televes

Ref.	Description			
CONVENTIONAL COAXIAL CABLES				
TRIPLE SHIELDING - CLASS A++				
CPR B2ca: Copper / copper				
413910	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White			100
413911	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White			250
413912	Coaxial Cable SK2020plus LSFH UV Resistant B2ca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White			500
CPR Cca: Copper / copper				
414901	Coaxial Cable SK2015plus LSFH UV Resistant Cca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White			100
414902	Coaxial Cable SK2015plus LSFH UV Resistant Cca Class A++ Triple Shielded TSH 18AtC Ø 1.05/4.6/6.9mm White			250
CPR Eca: Copper / copper				
4138	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White			100
413801	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White			500
413802	Coaxial Cable SK2000plus PVC Eca Class A++ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm White			250
TRIPLE SHIELDING - CLASS A+				
CPR Dca: Copper / copper				
414002	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black			100
414003	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black			250
414004	Coaxial Cable SK2003plus LSFH UV Resistant Dca Class A+ Triple Shielded TSH 18AtC Ø 1.02/4.6/6.70mm Black			500
CPR Eca: Copper / copper				
413501	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			100
413502	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			250
413503	Coaxial Cable SK125plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			500
413707	Coaxial Cable SK110plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.70mm Black			250
CPR Eca: Copper / aluminium				
413601	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			100
413602	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			250
413603	Coaxial Cable SK100plus PVC Eca Class A+ Triple Shielded TSH 18VAtC Ø 1.02/4.6/6.7mm White			500
CPR Eca: Copper clad steel /aluminium				
414801	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			100
414802	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			250
414803	Cable Coaxial SK6Fplus PVC Eca Class A+ Triple Shielded TSH 19VAtC.A Ø 1.00/4.6/6.8mm White			500
TRIPLE SHIELDING - CLASS A				
CPR Cca: Copper / copper				
414211	Coaxial Cable SK2005plus LSFH UV Resistant Cca Class A Triple Shielded TSH 18AtC Ø 1.00/4.6/6.7mm Black			250

COVERAGE UP TO 82%

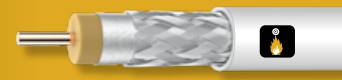
TRIPLE SHIELDED CABLES

*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.



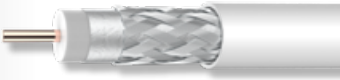
SK2015plus (4149xx) — CLASS A++ Cca

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

SK2005plus (414211) — CLASS A Cca

COAXIAL CABLES AND CONNECTORS

Ref.	Description			
	CONVENTIONAL COAXIAL CABLES			
	DOUBLE SHIELDING – CLASS A			
	CPR Dca: Copper / copper			
213002	Coaxial Cable T-200plus LSFH Dca Class A 15RtC Ø 1.20/5.0/6.9mm Grey			250
★ 214118	Coaxial Cable T-100plus LSFH Dca Class A 16VRtC Ø 1.13/4.8/6.6mm Black		●	100
★ 214121	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.13/4.8/6.6mm White		○	100
★ 214122	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.13/4.8/6.6mm White		○	250
★ 214911	Coaxial Cable TR-165 LSFH UV Resistant Dca Class A 11RtC Ø 1.63/7.2/10.1mm Grey			250
215101	Coaxial Cable T-100plus LSFH Dca Class A 16RtC Ø 1.12/4.7/6.6mm Grey			100
	CPR Eca: Copper / copper			
214102	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White		○	100
214104	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm White		○	250
214108	Coaxial Cable T-100plus PVC Eca Class A 16VRtC Ø 1.13/4.8/6.6mm Black		●	100
4141	Twin Coaxial Cable SK2000/2plus PVC Eca Class A 18VAtC Ø 1.02/4.6/6.70mm White		○	100/3000
	CPR Fca: Copper / copper			
215501	Coaxial Cable T-100plus PE Fca Class A 16PRtC Ø 1.13/4.8/6.6mm Black		●	100
215502	Coaxial Cable T-100plus PE Fca Class A 16PRtC Ø 1.13/4.8/6.6mm Black		●	250
	CPR Dca: Copper / aluminium			
★ 212661	Coaxial Cable T-100 LSFH Dca Class A 16AtC Ø 1.13/4.8/6.6mm Grey			250
212811	Coaxial Cable CXT LSFH Dca Class A 19AtC Ø 1.00/4.5/6.5mm Grey			250
	CPR Eca: Copper / aluminium			
2126	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White		○	100
212602	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm Black		●	250
212604	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White (Box)		○	250
★ 212606	Coaxial Cable T-100 PVC Eca Class A 16VAtC Ø 1.13/4.8/6.6mm White		○	500
★ 212623	Coaxial Cable T-100 LSFH Eca Class A 16AtC Ø 1.13/4.8/6.6mm Grey			500
2128	Coaxial Cable CXT PVC Eca Class A 19VAtC Ø 1.00/4.5/6.5mm White		○	100
212801	Coaxial Cable CXT PVC Eca Class A 19VAtC Ø 1.00/4.5/6.5mm White		○	250
	CPR Fca: Copper / aluminium			
212501	Coaxial Cable T-100 PE Fca Class A 16PAtC Ø 1.13/4.8/6.6mm Black		●	100
212502	Coaxial Cable T-100 PE Fca Class A 16PAtC Ø 1.13/4.8/6.6mm Black		●	250
	CPR Eca: Copper clad aluminium /aluminium			
210102	Coaxial Cable CXT-50 PVC Eca Class A 23VAtC.A Ø 0.8/3.8/6.0mm White		○	250
210202	Coaxial Cable CXT-60 PVC Eca Class A 19VAtC.A Ø 1.00/4.7/6.9mm White		○	250

▲ 213002

▲ 214118

▲ 214121

▲ 214122

▲ T-100plus

CLASS A
Dca

▲ 4141

CLASS A
Dca

◤ CXT (212811)

▲ 212661

CLASS A
Dca

▲ 212606

CLASS A
Eca

▲ 212623

CLASS A
Eca

COAXIAL CABLES AND CONNECTORS

Televes

Ref.	Description	
CONVENTIONAL COAXIAL CABLES		
DOUBLE SHIELDING - CLASS B		
CPR Dca: Copper / copper		
214110	Coaxial Cable T-100 Plus LSFH Dca 16RtC Ø 1.13/4.8/6.6mm White	100
CPR Eca: Copper / copper		
2141	Coaxial Cable T-100 Plus PVC Eca Ø 1.13/4.8/6.6mm White	100
CPR Dca: Copper / copper clad aluminium		
213810	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm White	100
213812	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm White	250
213910	Coaxial Cable CXT LSFH Dca 18RtC Ø 1.00/4.8/6.6mm Black	100
CPR Eca: Copper / copper clad aluminium		
2138	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm White	100
213802	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm White	250
2139	Coaxial Cable CXT PVC Eca 18VRtC Ø 1.00/4.8/6.6mm Black	100
CPR Eca: Copper clad aluminium /aluminium		
2127	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White	100
212701	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm Black	100
212702	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm Black	250
212703	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White	250
212704	Coaxial Cable CXT-1 PVC Eca 17VAtC.A Ø 1.00/4.7/6.7mm White	500
ACCESSORIES		
Dispensers		
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)	1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)	1
Fixing		
200101	Velcro Tape for Cables 8m, Width: 15mm, Black	1
200102	Velcro Flange for Cables, Width: 15mm, Black	1

Ref.	Description	
MICRO-CABLES		
MINI		
CPR Eca: Copper / tinned copper		
4144	Mini Coaxial Cable SK0729plus PVC Eca Class A 32VAtC Ø 0.65/2.7/4.2mm White	100/500/6000
414401	Mini Coaxial Cable SK0729plus PVC Eca Class A 32VAtC Ø 0.65/2.7/4.2mm White (500m)	500/6000
4145	Mini Twin Coaxial Cable SK0729plus PVC Eca Class A 32VAtC Ø 2x0.65/2.7/4.2mm White	100/500/6000
MICRO		
CPR Eca: Copper / tinned copper		
210601	Coaxial Cable CXT-5 PVC Eca Class A 24VAtC Ø 0.8/3.5/5.0mm White	150
210603	Coaxial Cable CXT-5 PVC Eca Class B 24VAtC Ø 0.8/3.5/5.0mm White	100
4146	Micro Coaxial Cable SK0837plus PVC Eca Class A 24VAtC Ø 0.8/3.4/5.0mm White	100/500/6000

Ref.	Description	
DIRECT-BURIED CABLES		
CPR DCA: COPPER / COPPER		
214001	Coaxial Cable 1/2" LSFH UV Resistant Dca Class A 7RtC Ø 2.7/11.5/15.0mm Grey	500
214911	Coaxial Cable TR-165 LSFH UV Resistant Dca Class A 11RtC Ø 1.63/7.2/10.1mm Grey	250
CPR FCA: COPPER / COPPER		
2140	Coaxial Cable 1/2" PE Fca Class A 7PRtC Ø 2.7/11.5/15.0mm Black	500

▲ 214110 CLASS B Dca

▲ 213810

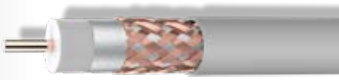
▲ 213812

▲ 213910 CLASS B Dca

▲ 2127 CLASS B Eca

▲ 210603 CLASS B Eca

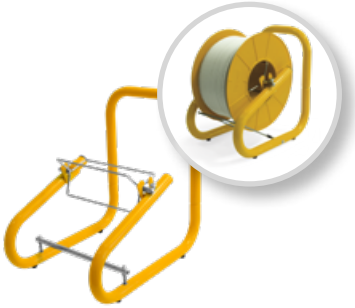
▲ 214001 CLASS A Dca



▲ 214911 CLASS A Dca

▲ 200101

▲ 200102



◤ 2120xx
(Cable drum not included)

COAXIAL CABLES AND CONNECTORS

References		413910 413911 413912	414901 414902	4138 413801 413802	414002 414003 414004	414801 414802 414803	413501 413502 413503	413707	413601 413602 413603
Type		**SK2020plus**	**SK2015plus**	**SK2000plus**	**SK2003plus**	**SK6Fplus**	**SK125plus**	**SK110plus**	**SK100plus**
		A++	**A++**	**A++**	**A+**	**A+**	**A+**	**A+**	**A+**
Euroclass		B2ca	Cca	Eca	Dca	Eca	Eca	Eca	Eca
Inner Conductor	Ø mm	1.05	1.05	1.02	1.02	1.02	1.00	1.00	1.02
	Material	Cu	Cu	Cu	Cu	CCS	Cu	Cu	Cu
	Res. Max. Ohm/Km	22	22	22	22	110	22	22	22
Dielectric	Ø mm	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6
	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	B	B	A	B	B	B	B	B
Braid	Material	CuSn	CuSn	CuSn	CuSn	Al	CuSn	CuSn	Al
	Res. Max. Ohm/Km	11	11	11	11	30	15	15	22
	Nc x Ns x Ø	24x7x0.1	24x7x0.1	24x7x0.1	24x7x0.1	16x6x0.1	16x6x0.1	16x6x0.1	16x6x0.1
	Coverage %	82	82	82	82	60	60	55	60
2nd shielding foil		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-migrating Film		No	No	No	No	No	No	No	No
Petro-Jelly		No	No	No	No	No	No	No	No
Outer sheath	Ø mm	6.9	6.9	6.7	6.7	6.8	6.7	6.7	6.7
	Material	LSFH UV Resistant	LSFH UV Resistant	PVC	LSFH UV Resistant	PVC	PVC	PVC	PVC
Spark Test	VAC	3000	3000	3000	3000	3000	3000	3000	3000
Minimum bending radius	mm	34.5	34.5	33.5	33.5	34.0	33.5	33.5	33.5
Shielding Min. @1GHz	dB	105	105	105	95	95	95	95	95
Capacitance	pF/m	54	54	54	54	53	53	54	53
Impedance	Ohm	75	75	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	0.9	0.9	0.9	2.5	2.5	2.0	2.5	2.5
Velocity ratio	%	84	84	84	84	82	84	84	82
Attenuations (dB/m)									
Frequency (MHz)	5	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	47	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	54	0.05	0.05	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	0.06	0.06
	200	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09
	500	0.14	0.14	0.14	0.14	0.15	0.14	0.14	0.14
	698	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
	800	0.18	0.19	0.19	0.18	0.19	0.18	0.18	0.18
	862	0.19	0.19	0.19	0.19	0.20	0.18	0.19	0.19
	950	0.20	0.20	0.19	0.19	0.20	0.19	0.19	0.19
	1000	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21
	1220	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.22
	1350	0.24	0.25	0.25	0.24	0.25	0.24	0.24	0.24
	1750	0.28	0.28	0.28	0.28	0.29	0.28	0.28	0.28
	2050	0.30	0.30	0.30	0.30	0.31	0.30	0.30	0.29
	2150	0.31	0.31	0.31	0.31	0.31	0.32	0.30	0.30
	2200	0.31	0.32	0.31	0.31	0.32	0.32	0.31	0.31
	3000	0.36	0.38	0.36	0.36	0.40	0.36	0.36	0.36

References		414211	214911	213002	214118 214121 214122	215101	212661	212811	214001
Type		**SK2005plus**	**TR-165**	**T-200plus**	**T-100plus**	**T-100plus**	**T-100**	**CXT**	**1/2"**
		A	**A**	**A**	**A**	**A**	**A**	**A**	**A**
Euroclass		Cca	Dca	Dca	Dca	Dca	Dca	Dca	Dca
Inner Conductor	Ø mm	1.00	1.63	1.20	1.13	1.12	1.13	1.00	2.70
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
	Res. Max. Ohm/Km	22	9	16	20	18	20	23	3,2
Dielectric	Ø mm	4.6	7.2	5.0	4.8	4.7	4.7	4.5	11.5
	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	B	D	C	C	C	A	B	C
Braid	Material	CuSn	Cu	Cu	Cu	Cu	Al	Al	Cu
	Res. Max. Ohm/Km	14	7	12	12	14	27	31	7
	Nc x Ns x Ø	16x7x0.1	16x8x0.1	16x8x0.1	16x8x0.1	16x8x0.1	16x8x0.1	16x8x0.1	24x8x0.1
	Coverage %	60	77	73	73	73	76	79	77
2nd shielding foil		Yes	No	No	No	No	No	No	No
Anti-migrating Film		No	No	Yes	Yes	Yes	No	No	No
Petro-Jelly		No	Yes	No	No	No	No	No	Yes
Outer sheath	Ø mm	6.7	10.1	6.9	6.6	6.6	6.6	6.5	15.0
	Material	LSFH UV Resistant	LSFH UV Resistant	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH UV Resistant
Spark Test	VAC	3000	8000	3000	3000	3000	3000	3000	8000
Minimum bending radius	mm	33.5	50.0	34.5	33.0	33.0	33.0	32.5	75.0
Shielding Min. @1GHz	dB	85	85	85	85	85	85	85	85
Capacitance	pF/m	54	53	55	55	55	52	54	55
Impedance	Ohm	75	75	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Velocity ratio	%	84	84	82	82	85	85	82	82
Attenuations (dB/m)									
Frequency (MHz)	5	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01
	47	0.05	0.03	0.04	0.04	0.04	0.05	0.05	0.02
	54	0.05	0.03	0.04	0.04	0.04	0.05	0.05	0.02
	90	0.06	0.04	0.05	0.05	0.05	0.05	0.05	0.02
	200	0.09	0.06	0.07	0.08	0.08	0.08	0.09	0.03
	500	0.14	0.09	0.12	0.13	0.13	0.13	0.14	0.06
	698	0.16	0.10	0.14	0.15	0.14	0.15	0.17	0.07
	800	0.18	0.11	0.15	0.16	0.15	0.16	0.19	0.08
	862	0.19	0.12	0.16	0.17	0.16	0.17	0.19	0.08
	950	0.20	0.12	0.17	0.18	0.17	0.18	0.19	0.08
	1000	0.21	0.13	0.17	0.19	0.19	0.19	0.21	0.09
	1220	0.22	0.14	0.19	0.20	0.20	0.20	0.22	0.09
	1350	0.24	0.15	0.20	0.22	0.22	0.22	0.25	0.11
	1750	0.28	0.18	0.23	0.25	0.25	0.25	0.29	0.12
	2050	0.30	0.19	0.25	0.26	0.28	0.28	0.31	0.13
	2150	0.31	0.20	0.26	0.27	0.29	0.29	0.32	0.12
	2200	0.31	0.19	0.27	0.29	0.30	0.28	0.34	0.12
	3000	0.36	0.24	0.30	0.33	0.33	0.34	0.39	0.14

COAXIAL CABLES AND CONNECTORS

References		214102 214104 214108	2126 212602 212604 212606	212623	4141	4146	4145	4144 414401
Type		**T-100plus**	**T-100**	**T-100**	**SK2000plus/2**	**SK0837plus**	**SK0729plus/2**	**SK0729plus**
		A	**A**	**A**	**A**	**A**	**A**	**A**
Euroclass		Eca	Eca	Eca	Eca	Eca	Eca	Eca
Inner Conductor	Ø mm	1.13	1.13	1.13	1.02	0.80	0.65	0.65
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu
	Res. Max. Ohm/Km	20	20	20	22	35	52	52
Dielectric	Ø mm	4.8	4.7	4.7	4.6	3.4	2.7	2.7
	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	C	A	A	B	B	B	B
Braid	Material	Cu	Al	Al	CuSn	Cu	CuSn	CuSn
	Res. Max. Ohm/Km	12	27	27	12	20	19	19
	Nc x Ns x Ø	16x9x0.1	16x8x0.1	16x8x0.1	24x7x0.1	16x7x0.1	16x7x0.1	16x7x0.1
	Coverage %	73	76	77	82	74	85	85
2nd shielding foil		No	No	No	No	No	No	No
Anti-migrating Film		Yes	No	No	No	Yes	No	Yes
Petro-Jelly		No	No	No	No	No	No	No
Outer sheath	Ø mm	6.6	6.6	6.6	6.7	5.0	4.3	4.2
	Material	PVC	PVC	LSFH	PVC	PVC	PVC	PVC
Spark Test	VAC	3000	3000	3000	3000	3000	3000	3000
Minimum bending radius	mm	33.0	33.0	33.0	33.5	25.0	21.5	21.0
Shielding Min. @1GHz	dB	85	85	85	85	85	85	85
Capacitance	pF/m	55	52	52	54	53	53	53
Impedance	Ohm	75	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Velocity ratio	%	82	85	85	84	84	84	85
Attenuations (dB/m)								
Frequency (MHz)	**5**	0.01	0.02	0.01	0.02	0.04	0.05	0.05
	47	0.04	0.05	0.05	0.05	0.06	0.08	0.08
	54	0.04	0.05	0.05	0.05	0.07	0.10	0.08
	90	0.05	0.05	0.05	0.06	0.08	0.11	0.11
	200	0.09	0.08	0.09	0.09	0.12	0.15	0.15
	500	0.13	0.13	0.14	0.14	0.19	0.24	0.24
	698	0.15	0.15	0.16	0.16	0.22	0.27	0.27
	800	0.17	0.16	0.18	0.19	0.24	0.32	0.32
	862	0.18	0.17	0.18	0.19	0.25	0.33	0.33
	950	0.18	0.18	0.19	0.20	0.26	0.34	0.35
	1000	0.19	0.19	0.20	0.21	0.28	0.36	0.36
	1220	0.20	0.20	0.21	0.22	0.29	0.38	0.39
	1350	0.23	0.22	0.24	0.25	0.32	0.43	0.43
	1750	0.26	0.25	0.27	0.28	0.37	0.49	0.49
	2050	0.28	0.28	0.27	0.30	0.41	0.54	0.53
	2150	0.27	0.28	0.27	0.31	0.42	0.55	0.55
	2200	0.28	0.29	0.28	0.32	0.43	0.56	0.56
	3000	0.33	0.34	0.33	0.36	0.49	0.66	0.66

References		210202	210102	210601	2128 212801	215501 215502	212501 212502	2140
Type		**CXT-60**	**CXT-50**	**CXT-5**	**CXT**	**T-100plus**	**T-100**	**1/2"**
		A	**A**	**A**	**A**	**A**	**A**	**A**
Euroclass		Eca	Eca	Eca	Eca	Fca	Fca	Fca
Inner Conductor	Ø mm	1.00	0.80	0.80	1.00	1.13	1.13	2.70
	Material	CCS	CCS	Cu	Cu	Cu	Cu	Cu
	Res. Max. Ohm/Km	95	140	37	23	20	20	3,2
Dielectric	Ø mm	4.6	3.7	3.4	4.5	4.8	4.7	11.5
	Material	PEE	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	A	A	A	B	C	A	C
Braid	Material	Al	Al	CuSn	Al	Cu	CuSn	Cu
	Res. Max. Ohm/Km	30	32	28	31	13	27	7
	Nc x Ns x Ø	16x8x0.1	16x7x0.1	16x6x0.1	16x8x0.1	16x8x0.1	16x8x0.1	22x6x0.1
	Coverage %	77	75	74	79	73	76	53
2nd shielding foil		No	No	No	No	No	No	No
Anti-migrating Film		No	No	No	No	Yes	No	No
Petro-Jelly		No	No	No	No	No	No	Yes
Outer sheath	Ø mm	6.9	6.0	5.0	6.5	6.6	6.6	15.0
	Material	PVC	PVC	PVC	PVC	PE	PE	PE
Spark Test	VAC	5000	5000	3000	3000	3000	3000	8000
Minimum bending radius	mm	34.5	30.0	25.0	32.5	33.0	33.0	75.0
Shielding Min. @1GHz	dB	85	85	85	85	85	85	85
Capacitance	pF/m	54	54	53	54	55	52	55
Impedance	Ohm	75	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Velocity ratio	%	82	82	82	82	82	85	82
Attenuations (dB/m)								
Frequency (MHz)	**5**	0.02	0.02	0.02	0.01	0.01	0.02	0.01
	47	0.06	0.05	0.06	0.04	0.03	0.05	0.02
	54	0.06	0.05	0.06	0.05	0.04	0.05	0.02
	90	0.06	0.08	0.07	0.05	0.05	0.05	0.02
	200	0.10	0.09	0.11	0.09	0.08	0.09	0.03
	500	0.15	0.14	0.18	0.14	0.13	0.13	0.06
	698	0.17	0.17	0.21	0.17	0.15	0.15	0.07
	800	0.19	0.24	0.23	0.18	0.16	0.16	0.07
	862	0.20	0.24	0.24	0.19	0.17	0.17	0.08
	950	0.20	0.25	0.24	0.19	0.18	0.18	0.08
	1000	0.21	0.26	0.25	0.21	0.19	0.19	0.09
	1220	0.23	0.28	0.28	0.22	0.20	0.20	0.09
	1350	0.25	0.30	0.30	0.25	0.22	0.22	0.10
	1750	0.30	0.35	0.34	0.29	0.25	0.25	0.12
	2050	0.32	0.38	0.37	0.32	0.26	0.28	0.13
	2150	0.33	0.39	0.38	0.34	0.27	0.29	0.14
	2200	0.32	0.38	0.39	0.34	0.28	0.28	0.12
	3000	0.39	0.45	0.45	0.39	0.33	0.34	0.16

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

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

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

COAXIAL CABLES AND CONNECTORS

References		214110	2141	210603	213810 213812 213910	2127 212701 212702 212703 212704	2138 213802 2139
Type		**T-100plus** **B**	**T-100plus** **B**	**CXT-5** **B**	**CXT**	**CXT-1**	**CXT**
Euroclass		Dca	Eca	Eca	Dca	Eca	Eca
Inner Conductor	Ø mm	1.13	1.13	0.80	1.00	1.00	1.00
	Material	Cu	Cu	Cu	Cu	CCS	Cu
	Res. Max. Ohm/Km	20	20	37	23	105	23
Dielectric	Ø mm	4.8	4.8	3.4	4.8	4.7	4.8
	Material	PEE	PEE	PEE	PEE	PEE	PEE
Over Lapped Foil	Material	C	C	A	C	B	C
Braid	Material	Cu	Cu	TCCAM	CCA	Al	CCA
	Res. Max. Ohm/Km	20	20	35	35	30	35
	Nc x Ns x Ø	16x4x0.1	16x4x0.1	16x4x0.1	16x3x0.1	16x8x0.1	16x3x0.1
	Coverage %	38	38	55	35	77	35
2nd shielding foil		No	No	No	No	No	No
Anti-migrating Film		Yes	Yes	No	No	No	No
Petro-Jelly		No	No	No	No	No	No
Outer sheath	Ø mm	6.6	6.6	5.0	6.6	6.7	6.6
	Material	LSFH	PVC	PVC	LSFH	PVC	PVC
Spark Test	VAC	3000	3000	3000	3000	3000	3000
Minimum bending radius	mm	33.0	33.0	25.0	33.0	33.5	33.0
Shielding Min. @1GHz	dB	75	75	75	75	85	75
Capacitance	pF/m	55	55	53	55	54	55
Impedance	Ohm	75	75	75	75	75	75
Transfer impedance Max. (5-30MHz)	mOhm/m	15.0	15.0	15.0	-	5.0	-
Velocity ratio	%	82	82	82	82	82	82
Attenuations (dB/m)							
Frequency (MHz)	5	0.01	0.01	0.02	0.01	0.03	0.01
	47	0.04	0.04	0.06	0.05	0.04	0.05
	54	0.04	0.04	0.06	0.05	0.05	0.05
	90	0.05	0.05	0.07	0.06	0.06	0.06
	200	0.08	0.08	0.11	0.09	0.09	0.09
	500	0.13	0.13	0.18	0.14	0.15	0.14
	698	0.15	0.14	0.22	0.16	0.17	0.16
	800	0.16	0.15	0.23	0.18	0.17	0.18
	862	0.17	0.16	0.24	0.19	0.19	0.19
	950	0.18	0.18	0.25	0.19	0.20	0.19
	1000	0.19	0.19	0.25	0.20	0.23	0.20
	1220	0.20	0.20	0.29	0.22	0.23	0.22
	1350	0.22	0.22	0.30	0.24	0.27	0.24
	1750	0.25	0.25	0.34	0.28	0.32	0.28
	2050	0.26	0.26	0.37	0.30	0.35	0.30
	2150	0.27	0.27	0.38	0.31	0.37	0.31
	2200	0.28	0.29	0.40	0.30	0.32	0.30
	3000	0.33	0.33	0.45	0.36	0.39	0.36

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

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

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

COAXIAL CABLES AND CONNECTORS

Televes

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

▲ 3851

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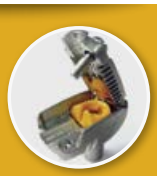
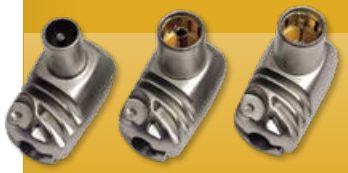
COAXIAL CABLES AND CONNECTORS

Ref.	Description	
CONNECTORS (75 OHM)		
PRO EASYF		
IEC type		
413210	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded	25/250
413310	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded	25/250
437401	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded (Bag B1)	10
437501	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded (Bag B1)	10
437601	Set of "PRO EasyF" "IEC" Ø 9.5mm Connectors Male & Female Elbowed Class A+ Shielded (Bag B1)	10
"Quick F" type		
413410	"PRO EasyF" "Quick F" Connector Elbowed Class A+ Shielded	25/250
ASSEMBLING		
IEC type		
4130	"IEC" Ø 9.5mm Connector Male Elbowed Shielded	25/250
4131	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)	25/250
4303	"IEC" Ø 9.5mm Connector Female Straight (Bag B1)	10
4305	"IEC" Ø 9.5mm Connector Male Straight (Bag B1)	10
★ 4316	Set of "IEC" Ø 9.5mm Connectors Male & Female Straight (Bag B1)	10
★ 437410	"IEC" Ø 9.5mm Connector Male Elbowed Shielded (Bag B1)	10
★ 437510	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)	10
★ 437610	Set of "IEC" Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)	10
F type		
4120	F" Connector for 1/2" Cable	1/20
"Quick F" type		
4176	"Quick F" Connector Elbowed Shielded	25/250
5/8" type		
4122	5/8" Connector with O-ring for TR-165 Ø 11mm Cable	1
COMPRESSION		
IEC type		
3818	"IEC" Connector Male Straight Compression for SK2000/110/100/6FPLUS Cables, Plastic box	1/25/375
3819	"IEC" Connector Female Straight Compression for SK2000/110/100/6FPLUS Cables, Plastic box	1/25/375
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
410801	"F" Connector Compression for T-200 Cable	100/1000
410901	"F" Connector Compression Elbowed for T-100 Cable	25
"Quick F" type		
410701	"Quick F" Connector Compression Elbowed for T-100 & CXT-60 Cables, Plastic Box	25/250
410702	"Quick F" Connector Compression Elbowed for T-100 & CXT-60 Cables	500/1000
Kits		
216401	Connection Kit for TSH Coaxial Cables – Carrying case which includes: 50x"F" Compression Connectors (ref. 3802), 1xCable Stripper (ref. 2145), 1xCompression tool (ref. 216301), 1xHEX-11 Wrench (ref. 216101) and 10xCaps (ref. 418001)	1
216403	Connection Kit for T100 Coaxial Cables – Carrying case which includes: 50x"F" Compression Connectors (ref. 4104), 1xCable Stripper (ref. 2145), 1xCompression tool (ref. 216301), 1xHEX-11 Wrench (ref. 216101) and 10xCaps (ref. 418001)	1
THREADED		
F type		
3808	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable, Plastic Box	100/1000
4127	"F" Connector Threaded with O-ring for CXT-5 (Ø 5mm) Cable	30/720
417101	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	100/1000
417102	"F" Connector Threaded with O-ring for T-100 Cable, Plastic Box	50
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)	10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)	10
934650	"F" Connector Threaded for CXT-50 Cable, Plastic Box	50

PRO EasyF Class A+
CONECTORS

THE EXCEPTIONAL SCREENING FOR A COAXIAL NETWORK





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COAXIAL CABLES AND CONNECTORS

Televes

Ref.	Description	
CONNECTORS (75 OHM)		
9349	"F" Connector Threaded for TR-165 Cable	10/100
ADAPTERS		
3816	"F" Male - "F" Female Elbowed Adapter, Plastic Box	50/500
3821	"Quick F" Male - "F" Male Adapter, Plastic Box	50/500
405701	"EasyF" Male - "F" Female Twin Adapter	10
4123	5/8" Male - "F" Female Adapter	1/20
4173	"F" Female - "F" Female Adapter, Plastic Box	50/500
417302	"F" Female - "F" Female Adapter (washer and nut included)	10/200
4307	"F" Female - "F" Female Adapter (Bag B1)	10
TERMINAL LOAD		
3809	Terminal Load "EasyF" 75Ohm without DC Blocked, Plastic Box	100/1000
3829	Terminal Load "F" 75Ohm with DC Blocked, Plastic Box	50/500
4058	Terminal Load "F" 75Ohm without DC Blocked	10/200
405802	Terminal Load "F" 75Ohm without DC Blocked, Plastic Box	100
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
ACCESSORIES		
4071	DC Blocker "F"	10
★ 418001	Weatherproof Cap for "F" Compression & Crimp Connectors ●	10/250

Ref.	Description	
TOOLS		
FOR COAXIAL CABLE		
2145	Professional Coaxial Cable Stripper	10
2162	Coaxial Cable Stripper (Bag B2)	10
FOR CONNECTORS		
216101	Hex-11 Wrench for "F" Connectors	1/250
216120	Tightening Tool for "F" Connectors	1
2163	Tool for "F" Compression Connectors	1
216301	Tool for "F" Straight Compression Connectors	1
216310	Insertion Tool for "F" Compression Connectors	1

▲ 3821

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▲ 216310

▲ 216101

▲ 216120

▲ 2163

▲ 216301

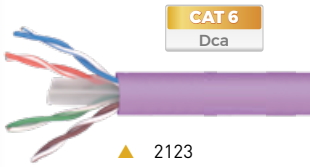
DATA CABLES AND CONNECTORS

Ref.	Description			
DATA CABLES				
CATEGORY 7				
Copper (Cu)				
219101	Data Cable DK7000 S/FTP Cat 7 Cca Cu LSFH Ø 7,4mm White			305
CATEGORY 6A				
Copper (Cu)				
219301	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White			305
★ 219302	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White			500
CATEGORY 6				
Copper (Cu)				
212101	Data Cable DK6000 F/UTP Cat 6 Dca Cu LSFH Ø 7,2mm Violet			500
212201	Data Cable DK6000 U/UTP Cat 6 Fca Cu PE Ø 6,2mm White			305
2123	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet			305
212302	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet			1000
212305	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm White			500
212310	Data Cable DK6000 U/UTP Cat 6 Eca Cu LSFH Ø 6,0mm Violet			305
2199	Data Cable DK6000 U/UTP Cat 6 Eca Cu PVC Ø 6,2mm White			305
Copper Clad Aluminium (CCA)				
219901	Data Cable U/UTP Cat 6 Fca CCA PVC Ø 6,2mm White			305
219910	Data Cable U/UTP Cat 6 Fca CCA LSFH Ø 6,2mm Violet			305
CATEGORY 5E				
Copper (Cu)				
219502	Data Cable DK5000E F/UTP Cat 5E Eca Cu LSFH Ø 6,3mm Grey			305
219602	Data Cable DK5000E U/UTP Cat 5E Eca Cu LSFH Ø 5,5mm Grey			305
219701	Data Cable DK5000E U/UTP Cat 5E Fca Cu PE Ø 5,5mm Black			305
PATCH-CORDS				
Category 6A				
★ 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
Category 6				
★ 209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)			1
★ 209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)			1
★ 209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)			1
★ 209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)			1
★ 209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)			1
★ 209011	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White			10
★ 209012	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White			10
★ 209013	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White			10
★ 209014	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White			10
★ 209015	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White			10
★ 209016	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 7m White			10
★ 209017	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 10m White			10
★ 209018	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 20m White			10
209301	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,3m Violet (Bag)			1
ACCESSORIES				
★ 200101	Velcro Tape for Cables 8m, Width: 15mm, Black			1
★ 200102	Velcro Flange for Cables, Width: 15mm, Black			1

▲ 219101

▲ 219301

▲ 212101



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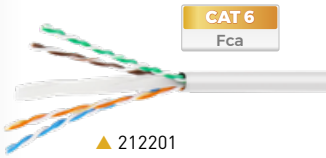

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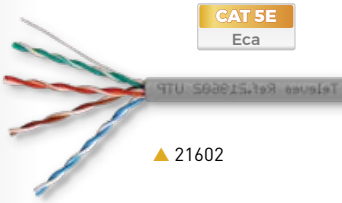

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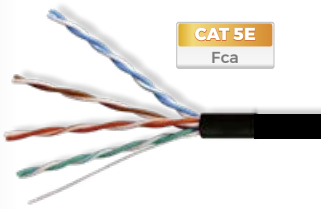

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DATA CABLES AND CONNECTORS

Televes

Ref.	Description	
CONNECTORS		
CRIMP		
Category 6A		
209921	Data Connector RJ45 UTP Cat 6A Female, Plastic Box	10
209923	Data Connector RJ45 FTP Cat 6A Female, Plastic Box	10
Category 6		
209901	Data Connector RJ45 UTP Cat 6 Female 90º/180º, Plastic Box	10
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box	50
209903	Data Connector RJ45 FTP Cat 6 Female, Plastic Box	10
209904	Data Connector RJ45 FTP Cat 6 Male, Plastic Box	50
209961	Data Connector RJ45 UTP Cat 6 Male with White Protective Sleeve, Plastic Box	25
209962	Data Connector RJ45 UTP Cat 6 Male 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) and 1xCrimping tool (ref. 209801)	1
TOOLS AND ACCESSORIES		
209801	Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors	1
209811	Termination Tool for RJ45 Cat 6 Female Connectors	1

Ref.	Description	
DATA DISTRIBUTION		
OUTLETS/ROSETTES		
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5

▲ 209923

▲ 209921

▲ 209904

▲ 209401

▲ 209961

▲ 209962

▲ 209811

References		219101	219301 219202	212101	2123 213202	212305	212310	2199	212201	219901	219910	219502	219602	219701
Type		S/FTP	U/FTP	F/UTP	U/UTP	U/UTP	U/UTP	U/UTP	U/UTP	U/UTP	U/UTP	F/UTP	U/UTP	U/UTP
Category		7	6A	6	6	6	6	6	6	6	6	5E	5E	5E
Euroclass		Cca	Cca	Dca	Dca	Dca	Eca	Eca	Fca	Fca	Fca	Eca	Eca	Fca
Conductor	Ø mm	0.55	0.55	0.55	0.55	0.55	0.51	0.55	0.55	0.59	0.59	0.51	0.50	0.50
	Material	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	CCA	CCA	Cu	Cu	Electrolytic Cu
Conductor Type	AWG	23	23	23	23	23	24	23	24	23	23	24	24	24
Conductor isolation	Ø mm	1.30	1.30	0.95	0.95	1.02	0.92	0.95	0.92	0.95	0.95	0.95	0.95	0.95
	Material	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE
Filler	Crucifix	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Shielding foil	Material	A	A	A	No	No	No	No	No	No	No	A	No	No
Outer shielding braid	Material	CuSn	No	No	No	No	No	No	No	No	No	No	No	No
Ground cable	Ø mm	No	0,4	No	No	No	No	No	No	No	No	0,4	No	No
	Material	No	CuSn	No	No	No	No	No	No	No	No	CSS	No	No
Outer sheath	Ø mm	7.40	6.90	7.20	6.20	6.20	6.00	6.20	6.20	6.20	6.20	6.30	5.50	5.50
	Material	LSFH	LSFH	LSFH	LSFH	LSFH	LSFH	PVC	PE	PVC	LSFH	LSFH	LSFH	PE
	Thickness (mm)	0.70	0.70	0.60	0.50	0.50	0.52	0.50	0.55	0.50	0.50	0.67	0.60	0.60
	Color	White	White	Violet	Violet	White	Violet	White	White	White	Violet	Grey	Grey	Black
Rip cord		No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spark test	VAC	3000	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	100
Max. conductor resistance	Ohm/Km	93.80	93.80	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00	117.00
Nominal speed	%	79	79	72	72	72	72	72	72	72	72	69	69	69
Working voltage	V	125	125	300	300	300	300	300	300	300	300	300	300	300

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

Over Lapped Foil composition Environment	
A	Aluminium + Polyester

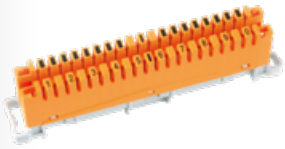
Other abbreviations			
Cu	Copper	CuSn	Tinned copper
CCS	Copper Clad Steel	CCA	Copper Clad Aluminium

BASIC TELEPHONY

Ref.	Description	
CONNECTION STRIPS		
CONNECTION STRIPS		
2172	Basic Telephony Terminal Board 10 Pairs	5
SUPPORTS		
2182	Support for 10 Basic Telephony Terminal Boards of 10 Pairs	10
2188	Support for 1 Basic Telephony Terminal Board of 10 Pairs	10
ACCESSORIES		
2174	Professional Tool for Cable Mounting in Basic Telephony Terminal Boards	1
2181	Label Holder for Basic Telephony Terminal Board of 10 Pairs	20
2189	Distribution Box for 10 Basic Telephony Terminal Board of 10 Pairs Dimensions: 315x165x93mm	1

Ref.	Description	
UAPS (BOXES)		
5415	Basic Telephony UAP 2 Lines - 2 Outputs	10
5461	Basic Telephony UAP 1 Line – 6 Outputs	10

Ref.	Description		
TELEPHONE CABLES			
217001	Basic Telephony Cable 1 Pair Ø 4mm LSFH Fca White	◯	250
217101	Basic Telephony Cable 2 Pairs Ø 5mm LSFH Fca White	◯	250



▲ 2172

▲ 2188

▲ 2174

▲ 2189

▲ 5415

▲ 217101

SET TOP BOXES AND DOMESTIC ACCESSORIES

Televes

Ref.	Description	
MODULATORS		
585301	Modulator DVB-T 1i: HDMI - 1 Mux(174...230/470...862MHz): CODFM (MPEG-4). With 2xUSB, HDMI pass-through and Bluetooth for remote management	1
585401	DiMod HD Encoder/Modulator DVB-T/DVB-C 1i: HDMI/USB - 1 Mux(47...862MHz): CODFM/QAM (MPEG2/4) Configurable by WiFi.	1
5858	Domestic Modulator with Display (VHF/UHF)	1
585910	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1
640301	Wall Mount	1

Ref.	Description	
A/V AND IR SENDERS		
WIRELESS A/V AND IR SENDERS		
716701	Digidom Transmitter + Receiver HDMI 5GHz	1/10
WIRELESS IR SENDERS		
721903	Digidom Universal Transmitter, Remote Control Extender, 8 Channels	1/50
723703	Digidom Universal Transmitter + Receiver, Remote Control Extender, 8 Channels	1/30
IR SENDER OVER COAXIAL		
7605	Transmitter + Receiver Remote Control Extender over Coaxial Cable	1/6
7606	Single Transmitter Remote Control Extender over Coaxial Cable	1/10

Ref.	Description		
HDMI DISTRIBUTION			
CABLE LEADS			
494501	HDMI Cable Male-Male 1.5m Black (Blister T1)	●	8
494502	HDMI Cable Male-Male 3m Black (Blister T2)	●	10
494503	HDMI Cable Male-Male 5m Black (Blister T2)	●	10
494505	HDMI Cable Male-Male 1.5m Black (Bag)	●	100

▲ 585301

▲ 585401

▲ 5858

▲ 716701

▲ 7606

▲ 494501

▲ 494502

PROFESSIONAL EQUIPMENT

Ref.	Description	
FIELD STRENGTH METERS		
H30 & H30D3		
Meters		
593101	H30: DVB-C + Remote Control (Ethernet) (US)	1
593102	H30: DVB-C + Remote Control (Ethernet) + IP Speed Test	1
593103	H30D3: DVB-C + Remote Control (Ethernet) + DOCSIS 3.0 (US)	1
593104	H30D3: DVB-C + Remote Control (Ethernet) + IP Speed Test + DOCSIS 3.0	1
★ 593105	H30: DVB-C + Remote Control (Ethernet) + IP Speed Test + MPEG Service + Long-Term Monitoring + API	1
★ 593108	H30D3: DVB-C + Remote Control (Ethernet) + IP Speed Test + MPEG Service + Long-Term Monitoring	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
593210	Option MPEG Service Information (DVB-C)	1
593211	Option IP Speed Test	1
593212	Option Advanced API	1
593213	Option Wi-Fi & Bluetooth	1
593214	Option Long Term Monitoring (LTM)	1
Accessories		
405701	"EasyF" Male - "F" Female Twin Adapter	10
593201	Protective Sleeve	1
★ 593202	Replacement Battery	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1
H30FLEX		
Meters		
593301	H30FLEX: DVB-S/S2 + DVB-T	1
593302	H30FLEX: DVB-S/S2 + DVB-T/T2	1
593303	H30FLEX: DVB-S/S2 + DVB-C	1
593304	H30FLEX: DVB-S/S2 + DVB-T/T2 + DVB-C	1
593311	H30FLEX: DVB-S/S2/T (Carrying Case and Coaxial Cable Lead included)	1
593312	H30FLEX: DVB-S/S2/T/T2 (Carrying Case and Coaxial Cable Lead included)	1
593313	H30FLEX: DVB-S/S2/C (Carrying Case and Coaxial Cable Lead included)	1
593314	H30FLEX: DVB-S/S2/T/T2/C (Carrying Case and Coaxial Cable Lead included)	1
593360	H30FLEX: DVB-S/S2 + QAM B	1
593361	H30FLEX: DVB-S/S2 + ISDB-T/Tb	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
593231	Option DVB-T	1
593232	Option DVB-T2 (DVB-T required)	1
593233	Option DVB-C	1
593234	Option dCSS	1
593235	Option Extended Terrestrial Input to 120dBµV	1
593236	Option Analogue A/V Display (Format Adapters and Protective Sleeve included)	1
Accessories		
405701	"EasyF" Male - "F" Female Twin Adapter	10
593201	Protective Sleeve	1
★ 593202	Replacement Battery	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1

▲ 593239

▲ 593205

H30FLEX

All the functions you need in your hand

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◤ 593201

New protective sleeve with 4-leash harness.

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

▲ 593102

▲ 593104

Televes

Ref.	Description	
FIELD STRENGTH METERS		
H30EVOLUTION		
Meters		
593501	H30Evolution: DVB-S/S2 + DVB-T (Smartphone Armband included)	1
593502	H30Evolution: DVB-S/S2 + DVB-T/T2 (Smartphone Armband included)	1
593503	H30Evolution: DVB-S/S2 + DVB-C (Smartphone Armband included)	1
593504	H30Evolution: DVB-S/S2 + DVB-T/T2 + DVB-C (Smartphone Armband included)	1
593505	H30Evolution FULL: Full DVB (-S/S2 + -T/T2 + -C) + IPTV Option + WiFi 2,4/5 GHz Option + HEVC display + Coaxial Cable Lead + Carrying Case (Smartphone Armband included)	1
★ 593511	H30Evolution: DVB-S/S2/T (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593512	H30Evolution: DVB-S/S2/T/T2 (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593513	H30Evolution: DVB-S/S2/C (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593514	H30Evolution: DVB-S/S2/T/T2/C (Carrying Case, Coaxial Cable Lead and Smartphone Armband included)	1
★ 593581	H30Evolution: ATSC 1.0 + QAM (Smartphone Armband included)	1
★ 593585	H30Evolution: Full ATSC 1.0/3.0 + QAM (ITU-T J.83 Annex B) + IPTV Option + WiFi 2,4/5 GHz Option + HEVC display (Smartphone Armband included)	1
Options		
5909	Calibration of Spectrum Analyzer (Certificate Included)	1
593231	Option DVB-T	1
593232	Option DVB-T2 (DVB-T required)	1
593233	Option DVB-C	1
593234	Option dCSS	1
593235	Option Extended Terrestrial Input to 120dBµV	1
593236	Option Analogue A/V Display (Format Adapters and Protective Sleeve included)	1
593250	Option WiFi Analyzer (2,4/5GHz)	1
593251	Option IPTV Analyzer	1
593252	Option HEVC Display	1
★ 593280	Option ATSC 3.0	1
Accessories		
405701	"EasyF" Male - "F" Female Twin Adapter	10
593201	Protective Sleeve	1
★ 593202	Replacement Battery	1
593203	Power Supply Unit 12V - 2A All Plugs	1
★ 593204	Weatherproof Protective Sleeve	1
★ 593205	Ports Protector	1
593239	Carrying Case	1
MOSAIQ6		
Meters		
596101	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Bag included)	1
596102	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Case included)	1
★ 596105	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
★ 596106	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Case included)	1
596111	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)	1
596112	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (Carrying Case included)	1
★ 596115	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, Selective F.O. Interface (CWDM Filter), WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
Options		
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	1
596205	Option 4K - Ultra High Definition (UHD)	1
596206	Option ISDB-Tb	1
Accessories		
405701	"EasyF" Male - "F" Female Twin Adapter	10
596210	Stand-alone, field replaceable battery	1
596211	Carrying Bag	1
596212	Adapter "N" Male - "F" Female	1
596213	Screen Protector	1
596214	Carrying Case	1

H30EVOLUTION

ALL THE FUNCTIONS YOU NEED NOW IN YOUR SMARTDEVICE

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

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MOSAIQ6

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

THE POWER OF USER EXPERIENCE

6 SCREENS IN 1

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

A TRUE TOUCH SCREEN

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

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PROFESSIONAL EQUIPMENT

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

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

▲ 4008

▲ 2340

▲ 2341

▲ 2322

▲ 232301

▲ 232105

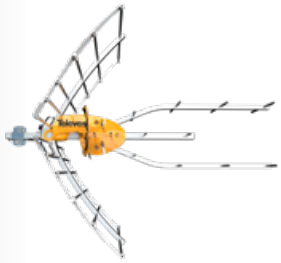
▲ 2325

▲ 232701

▲ 2328

TERRESTRIAL ANTENNAS

Ref.	Description			
INTELLIGENT: OUTDOOR SERIES				
ELLIPSE SERIES				
148821	Ellipse MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 36.5/40dBi BOSS ON PSU included (Single Packing)	TFORCE LTE700	●	1/4
148881	Ellipse MIX Terrestrial Antenna VHF/UHF (Ch7-13/14-51) G 36.5/40dBi BOSS ON PSU included 12V-220mA (110Vac & UL Listed)(Single Packing)	TFORCE LTE700		1/4
148905	Ellipse Terrestrial Antenna UHF (Ch21-60), G 38dBi BOSS ON PSU included 24V-130mA (Single Packing)	TFORCE LTE790	●	1/4
148923	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-220mA, UK plug (Single Packing)	TFORCE LTE700	●	1/4
148925	Ellipse Terrestrial Antenna UHF (Ch21-48), G 38dBi BOSS ON PSU included 12V-200mA (Single Packing)	TFORCE LTE700	●	1/4
148981	Ellipse Terrestrial Antenna UHF (Ch14-51), G 38dBi BOSS ON PSU included 12V-220mA (110Vac & UL Listed)(Single Packing)	TFORCE LTE700	●	1/4
DAT SERIES				
148220	DAT BOSS MIX Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/16dBi BOSS OFF, G 24/36.5/42dBi BOSS ON (Single Packing)	TFORCE LTE700	●	1/25
148281	DAT BOSS MIX Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/16dBi BOSS OFF, G 24/36.5/42dBi BOSS ON PSU included 12V-220mA (Single Packing)	TFORCE LTE700	●	1/25
148381	DAT BOSS MIX LR Terrestrial Antenna BI/BIII/UHF (Ch2-13/14-51) G -/8.5/18dBi BOSS OFF, G 24/36.5/46dBi BOSS ON PSU included 12V-220mA (Single Packing)	TFORCE LTE700	●	1/12
149421	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 8.5/16dBi BOSS OFF, G 36.5/41dBi BOSS ON (Single Packing)	TFORCE LTE700	●	1
149441	DAT BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-60) G 8.5/16dBi BOSS OFF, G 36.5/44dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1
149483	DAT BOSS MIX Terrestrial Antenna VHF/UHF (Ch7-13/14-51) G 8.5/16dBi BOSS OFF, G 36,5/41dBi BOSS ON + PSU 550104	TFORCE LTE700	●	1/12
149721	DAT BOSS LR Terrestrial Antenna UHF (Ch21-48) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single packing)	TFORCE LTE700	●	1
149740	DAT BOSS LR Terrestrial Antenna UHF (Ch21-60) G 19dBi BOSS OFF, G 47dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1
149783	Terrestrial Antenna DAT BOSS LR UHF 470...698MHz (Ch14-51) + PSU 550104 (Single packing)	TFORCE LTE700	●	1/12
149821	DAT BOSS MIX LR Terrestrial Antenna BIII/UHF (C5-12/21-48) G 8.5/18dBi BOSS OFF, G 36.5/46dBi BOSS ON (Single packing)	TFORCE LTE700	●	1
149883	DAT BOSS MIX LR Terrestrial Antenna VHF/UHF (Ch5-13/14-51) G 8.5/18dBi BOSS OFF, G 36,5/46dBi BOSS ON + PSU 550104	TFORCE LTE700	●	1/12
149921	DAT BOSS Terrestrial Antenna UHF (Ch21-48) G 17dBi BOSS OFF, G 42dBi BOSS ON (Single packing)	TFORCE LTE700	●	1/5
149941	DAT BOSS Terrestrial Antenna UHF (Ch21-60) G 17dBi BOSS OFF, G 45dBi BOSS ON (Single Packing)	TFORCE LTE790	●	1/5
149983	Terrestrial Antenna DAT BOSS UHF 470...698MHz (Ch14-51) + PSU 550104 (Single packing)	TFORCE LTE700	●	1/5
DINOVA BOSS				
144012	DINOVA BOSS Terrestrial Antenna UHF (Ch21-60) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFORCE LTE790	○	1
144022	DINOVA BOSS Terrestrial Antenna UHF (Ch21-48) G 7dBi BOSS OFF, G 34dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○	1
144212	DINOVA BOSS MIX Terrestrial Antenna VHF/UHF(Ch5-12/21-60) G 1/6dBi BOSS OFF, G 24/33dBi BOSS ON (Kit with accesories)	TFORCE LTE790	○	1
★ 144224	DINOVA BOSS MIX Terrestrial Antenna BIII/UHF (Ch5-12/21-48) G 1/6dBi BOSS OFF, G 27/32dBi BOSS ON (Kit with accesories)	TFORCE LTE700	○	1
144282	DINOVA BOSS MIX Terrestrial Antenna HighVHF/UHF(Ch7-13/14-51) G -/7dBi BOSS OFF, G 24/34dBi BOSS ON PSU included 12V-220mA (Kit with accesories)	TFORCE LTE700	○	1
★ 144285	DINOVA BOSS MIX Terrestrial Antenna LowVHF/HighVHF/UHF(Ch2-6/7-13/14-51) G -/-/7dBi BOSS OFF, G 16/29/34dBi BOSS ON PSU included 12V-220mA (Kit with accesories)	TFORCE LTE700	○	1
OMNINOVA BOSS				
144422	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF (Ch3-12/21-48) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○	1
144442	OMNINOVA BOSS Terrestrial Antenna BI/FM/BIII/UHF(Ch3-12/21-60) G 17/16/25/25dBi BOSS ON (Kit with accessories)	TFORCE LTE790	○	1
CAMPNOVA BOSS				
★ 144521	CAMPNOVA BOSS Terrestrial Antenna FM/BIII/UHF (Ch5-12/21-48) G -2/10/22dBi BOSS ON (Kit with accessories)	TFORCE LTE700	○	1



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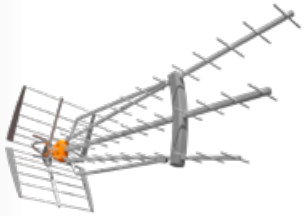
▲ 148821



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TERRESTRIAL ANTENNAS

Ref.	Description			
INTELLIGENT: INDOOR SERIES				
BEXIA				
130501	BEXIA Indoor Terrestrial Antenna VHF/UHF (Ch5-12/21-48) G 15/18dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	●	1
130581	BEXIA Indoor Terrestrial Antenna LoV/HiV/U (C2-13/14-51) G 17/26/28 dBi (USB-microUSB cable and power adapter included, for 5V powering)	TFORCE LTE700	●	6
MIRA BOSS				
130101	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (EU plug)	TFORCE LTE790	●	1
130102	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 18dBi (UK plug)	TFORCE LTE790	●	1
★ 130121	MIRA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 18dBi	TFORCE LTE700	●	1
INNOVA BOSS				
130220	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-48) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE700	●	1
130240	INNOVA BOSS Indoor Terrestrial Antenna UHF (Ch21-60) G 20dBi (USB-microUSB cable included, for 5V powering)	TFORCE LTE790	●	1
130381	INNOVA BOSS MIX Indoor Terrestrial Antenna LowVHF/HighVHF/UHF (Ch2-6/7-13/14-51) G 15/26/27dBi (USB-microUSB 5V power supply cable included)	TFORCE LTE700	●	1

▲ 130501

★

▲ 130121

SATELLITE DISHES

Ref.	Description		
LNB			
COAXIAL (RF)			
4332	Offset LNB Twin (2 Outputs Hh/Vh/Hl/Vl) G 60dB (Blister T2)	●	6
4365	Offset LNB Single (Universal) Hh/Vh/Hl/Vl G 60dB (Blister T1)	●	8

▲ 4332

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 Bluetooth for remote management	1
585401	DiMod HD Encoder/Modulator DVB-T/DVB-C 1i: HDMI/USB - 1 Mux(47...862MHz): CODFM/QAM (MPEG2/4) Configurable by WiFi.	1
5858	Domestic Modulator with Display (VHF/UHF)	1

★

▲ 585301

Ref.	Description	
A/V AND IR SENDERS		
WIRELESS A/V AND IR SENDERS		
★ 716701	Digidom Transmitter + Receiver HDMI 5GHz	1/10
WIRELESS IR SENDERS		
721903	Digidom Universal Transmitter, Remote Control Extender, 8 Channels	1/50
723703	Digidom Universal Transmitter + Receiver, Remote Control Extender, 8 Channels	1/30
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

▲ 585401

★

▲ 716701

FILTERING AND AMPLIFICATION

Ref.	Description		
LTE FILTERS			
PLUG-IN FORMAT: IEC CONNECTOR			
404411	Medium Rejection LTE Filter (MR) "IEC" 470...774MHz UHF (Ch21-58) Indoor (Bag B3)	LTE790	10
404412	High Rejection LTE Filter (HR) "IEC" 47...790MHz VHF/UHF (Ch60) Indoor (Bag B3)	LTE790	10

Ref.	Description		
COMBINERS			
MATV (TERRESTRIAL)			
433401	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF (Blister T1)	LTE790	10
SMATV (TERRESTRIAL + SATELLITE)			
4340	Combiner MATV-SAT 2i/1o: 47..790-950..2400MHz[dc] (Blister T1)	LTE790	8

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	8
438640	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561601+5796) (Blister T1)	LTE790	8
438820	NanoKom Mast Amplifier 3i/1o "EasyF" BIII/UHF[dc]-FMmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561521+5796) (Blister T1)	LTE700	8

Ref.	Description	
DOMESTIC POWER SUPPLY UNITS		
F-CONNECTOR SERIES		
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)	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	8
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dBµV (Blister T1)	LTE700	8
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dBµV (Blister T1)	LTE790	8
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47..790MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE790	8
552940	Domestic Amplifier 1i/(4o+TV) "IEC": 47..790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790	8
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	8
545802	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F" : 47...694/790MHz G 20dB Vo 101dBµV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE	8
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)		8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	8
552240	Domestic Amplifier 1i/(2o+TV) "F": 47...790MHz G 20dB Vo 106dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE790	8
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)		8
552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	8
552340	Domestic Amplifier 1i/(4o+TV) "F": 47...790MHz G 16dB Vo 102dBµV + Output to a TV Outlet G 11dB (Blister T1)	LTE790	8
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)		8
5530	Domestic Amplifier 1i/(2o+TV) "F" 5..30/47..862/950..2150MHz G(-9)/19/21dB Vo 111/114dBµV +Output to a TV Outlet G(-16)/11/13dB (Blister T1)		8
553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dBµV (Blister T1)	LTE700	8
553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		8
553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dBµV (Passive Ret.+Equaliser) (Blister T1)		8

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

▲ 4332

▲ 433401

▲ 4340

▲ 438620

▲ 553120

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

Ref.	Description		
OUTLETS			
END OUTLETS			
4301	End Outlet Diplexed 5...2150MHz, TV/FM-SAT 0.6-1.5dB with DC Pass + Face Plate (Blister T1)		8
4372	End Outlet 5...862MHz, TV-FM 4.5-18dB w/o DC Pass + Face Plate (Blister T1)		8
THROUGH OUTLETS			
4335	Bridged Outlet + Face Plate TV-R + Back Box for Surface Mountig Outlet (Blister T1)		8
4373	Through Outlet 5..862MHz, TV-FM 9.5-24dB w/o DC Pass + Face Plate (Blister T1)		8
ACCESSORIES			
4336	White Back Box for Surface Mounting Outlet (Blister T1)	○	10

▲ 432803

▲ 4322

▲ 4372

▲ 4373

▲ 4336

CABLES AND CONNECTORS

Televes

Ref.	Description		
COAXIAL			
COAXIAL CABLE			
435501	Coaxial Cable PVC Ø 6.6mm White 20m (Reel)	○	1/20
★ 4371	Coaxial Cable PVC Ø 6.6mm White 10m (Blister T2)	○	10
TRIPLE SHIELDING EXTENSION CORDS (TSH)			
3851	Coaxial Cable Lead "F" Compression 1.5m White (Bag B0)	○	30
385101	Coaxial Cable Lead "F" Compression 3m White (Bag B0)	○	20
385102	Coaxial Cable Lead "F" Compression 5m White (Bag B0)	○	15
3852	Coaxial Cable Lead "IEC" Male-Female Compression 1.5m White (Bag B0)	○	30
385201	Coaxial Cable Lead "IEC" Male-Female Compression 3m White (Bag B0)	○	20
385202	Coaxial Cable Lead "IEC" Male-Female Compression 5m White (Bag B0)	○	15
3853	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 1.5m White (Bag B0)	○	30
385301	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 3m White (Bag B0)	○	20
385302	Coaxial Cable Lead "F" Compression - "Quick F" "PRO EasyF" 5m White (Bag B0)	○	15
3854	Coaxial Cable Lead "F" - "IEC" Female Compression 1.5m White (Bag B0)	○	30
385401	Coaxial Cable Lead "F" - "IEC" Female Compression 3m White (Bag B0)	○	20
385402	Coaxial Cable Lead "F" - "IEC" Female Compression 5m White (Bag B0)	○	15
385501	Coaxial Cable Lead "F" Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
3856	Coaxial Cable Lead "F" - "IEC" Male Compression 1.5m White (Bag B0)	○	30
385601	Coaxial Cable Lead "F" - "IEC" Male Compression 3m White (Bag B0)	○	20
385602	Coaxial Cable Lead "F" - "IEC" Male Compression 5m White (Bag B0)	○	15
385701	Coaxial Cable Lead "F" Compression - "IEC" Male "PRO EasyF" 3m White (Bag B0)	○	20
3858	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 1.5m White (Bag B0)	○	30
385801	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 3m White (Bag B0)	○	20
385802	Coaxial Cable Lead "IEC" Male Compression - "IEC" Female "PRO EasyF" 5m White (Bag B0)	○	15
DOUBLE SHIELDING EXTENSION CORDS			
431001	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 1,5m Grey (Blister T1)	●	8
431002	Coaxial Cable Lead "IEC" Ø 9.5mm Elbowed Shielded Male-Female 2,5m Grey (Blister T1)	●	8
4311	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m White (Blister T1)	○	8
4312	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m Black (Blister T1)	●	8
4314	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 2.5m Black (Blister T1)	●	8
4389	Coaxial Cable Lead "IEC" Ø 9.5mm Male-Female 1.5m White (Blister T1)	○	8
PRO EASYF CONNECTORS			
437401	"PRO EasyF" "IEC" Ø 9.5mm Connector Male Elbowed Class A+ Shielded (Bag B1)		10
437501	"PRO EasyF" "IEC" Ø 9.5mm Connector Female Elbowed Class A+ Shielded (Bag B1)		10
437601	Set of "PRO EasyF" "IEC" Ø 9.5mm Connectors Male & Female Elbowed Class A+ Shielded (Bag B1)		10
IEC TYPE CONNECTORS			
4303	"IEC" Ø 9.5mm Connector Female Straight (Bag B1)		10
4305	"IEC" Ø 9.5mm Connector Male Straight (Bag B1)		10
★ 4316	Set of "IEC" Ø 9.5mm Connectors Male & Female Straight (Bag B1)		10
★ 437410	"IEC" Ø 9.5mm Connector Male Elbowed Shielded (Bag B1)		10
★ 437510	"IEC" Ø 9.5mm Connector Female Elbowed Shielded (Bag B1)		10
★ 437610	Set of "IEC" Ø 9.5mm Connectors Male & Female Elbowed Shielded (Bag B1)		10
F TYPE CONNECTORS			
4306	"F" Connector Threaded with O-ring for T-100 Cable + Weatherproof Cap (Bag B1)		10
4317	2 "F" Connectors Threaded with O-ring for T-100 Cable (Bag B1)		10
ADAPTERS			
4307	"F" Female - "F" Female Adapter (Bag B1)		10
ACCESSORIES			
2162	Coaxial Cable Stripper (Bag B2)		10
4360	Opened Staple for Coaxial Cable (25 units) (Bag B1)		10

▲ 435501

CLASS A++

▲ 385101

▲ 4312

▲ 437501

▲ 437410

▲ 2162

CABLES AND CONNECTORS

Ref.	Description		
DATA			
PATCH-CORDS			
209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)	○	1
209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)	○	1
209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)	○	1
209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)	○	1
209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)	○	1
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

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

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

▲ 209102

▲ 232623

▲ 494501

MECHANICAL ACCESSORIES

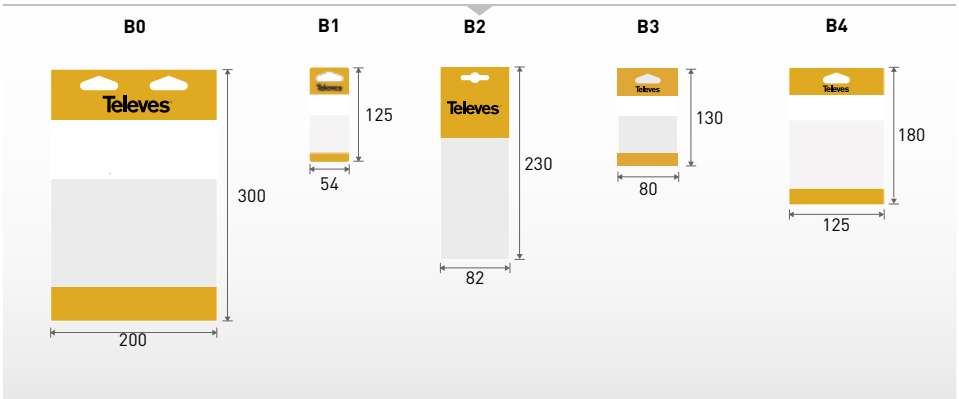
Ref.	Description	
MAST MOUNTING		
4361	Guy Wire Mounting Kit Ø 45mm	1/5
4951	Mast Clamp Zinc+RCP Ø 25...45mm (Blister T1)	8
4952	"U" Bolt for Mast Clamp Ø 25...45mm (Blister T1)	8

▲ 4361

Packaging types (mm)

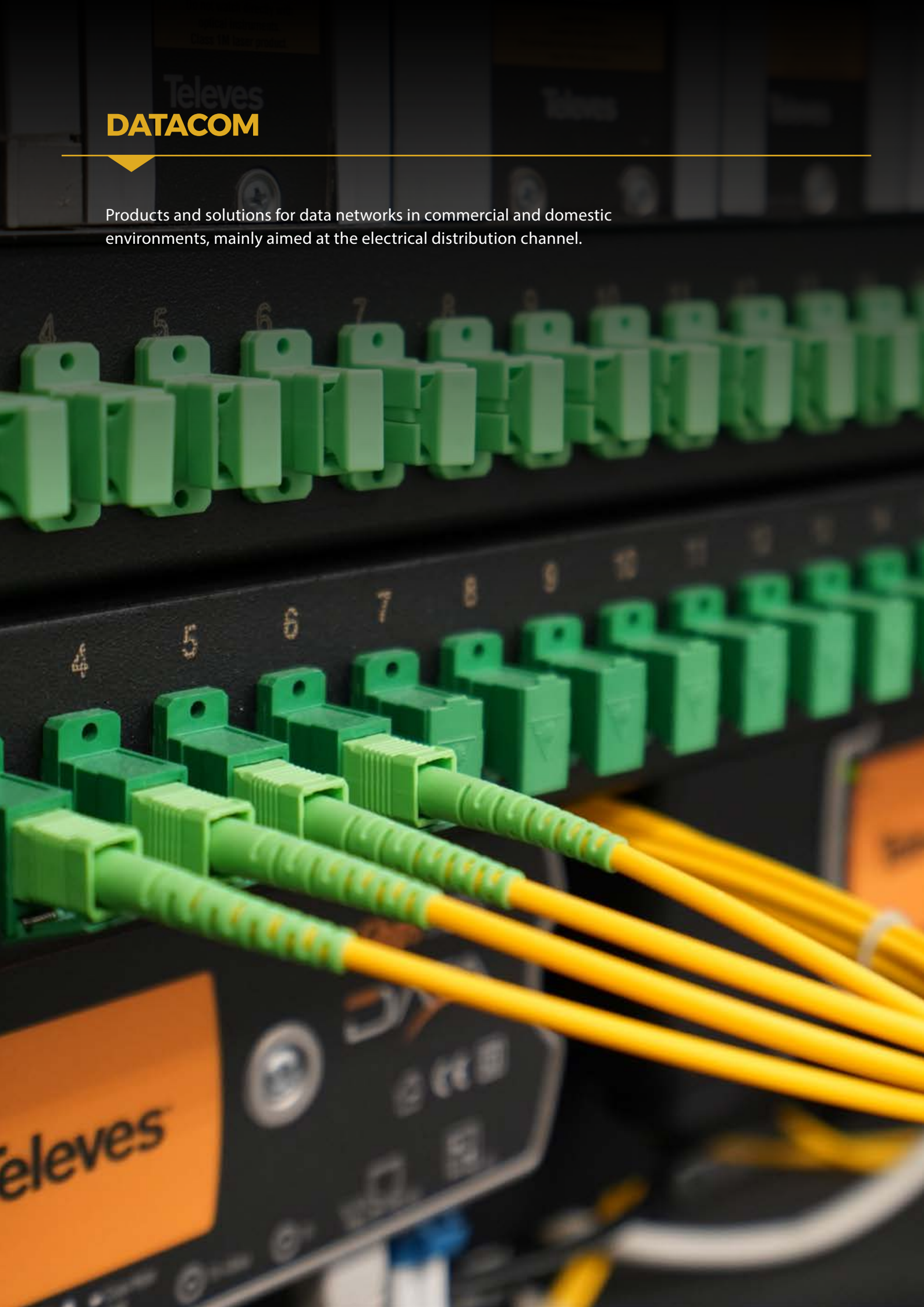
BLISTERS

BAGS



DATACOM

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



OPTICAL FIBRE

Ref.	Description			
	CABLES AND PATCH-CORDS			
	MULTI-FIBRE			
	Tight buffer 250µm			
231414	Multi-fiber Cable 16 Single-mode Fibers Indoor/Outdoor LSFH Dca			x m
231614	Multi-fiber Cable 24 Single-mode Fibers Indoor/Outdoor LSFH Dca			x m
231714	Multi-fiber Cable 48 Single-mode Fibers Indoor/Outdoor LSFH Dca			x m
	4 FIBRES			
	Tight buffer 250µm			
231911	4 Fiber Cable Single-mode Indoor LSFH Fca			300
	2 FIBRES			
	Tight buffer 900µm			
231901	2 Fiber Cable Single-mode Indoor LSFH Dca			300
231902	2 Fiber Cable Single-mode Indoor LSFH Dca			750
232001	2 Fiber Cable Single-mode Outdoor LSFH Dca			200
232002	2 Fiber Cable Single-mode Outdoor LSFH Dca			500
	PRE-TERMINATED PATCH CORDS			
	With SC/APC connectors			
232602	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail			25
232611	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 10m			1
232612	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m			1
232614	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m			1
232616	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m			1
232621	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)			10
232623	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)			10
232652	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m			1
232654	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m			1
232656	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m			1
232657	F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 55m			1
	With FC/PC connectors			
2361	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 3m			1
236101	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 5m			1
236102	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 10m			1
236103	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 20m			1
236104	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 30m			1
236105	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 40m			1
236106	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 50m			1
236107	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 75m			1
236108	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 100m			1
236109	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 200m			1
236110	F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/PC" 1m			1
	Adapter cords			
232622	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"SC/UPC" 0.2m			5
232624	F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC"-"FC/UPC" 2m (Bag B4)			10
232625	F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC"-"SC/UPC" 0.4m			1
	ACCESSORIES			
	Adapters			
233203	Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap			25
233210	Twin Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap			20/1000
2354	Fiber Optics Connector for 2 "FC"-"FC" Pre-terminated Patch Cords Interconnection			5
2356	Fibrer Optics Adapter for a "FC"-"SC" Connector Change, of 2 Pre-terminated Patch Cords			5
	Dispensers			
212001	Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m)			1
212011	Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m)			1
	Fixing			
200101	Velcro Tape for Cables 8m, Width: 15mm, Black			1
200102	Velcro Flange for Cables, Width: 15mm, Black			1

F.O. CABLES

Fiber's tight buffer Ø 250µm

▲ 48 Fibers (231714)

▲ 24 Fibers (231614)

▲ 16 Fibers (231414)

▲ 4 Fibers - Indoor (231911)

Fiber's tight buffer Ø 900µm

▲ 2 Fibers - Indoor (231901 / 231902)

▲ 2 Fibers - Outdoor (232001 / 232002)

▲ 232652

▲ 232611

▲ 200101

▲ 200102

OPTICAL FIBRE

Ref.	Description	
	OPTICAL DISTRIBUTION	
	OUTLETS/KEYSTONES	
233230	Keystone Module for F.O. Adapter "SC / APC" Female, Plastic Box	25
233231	F.O. Outlet: Keystone Module with Adapter "SC / APC" Female, Plastic Box	20
233240	F.O. Outlet Kit: Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 10m	1
233241	F.O. Outlet Kit: Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 15m	1

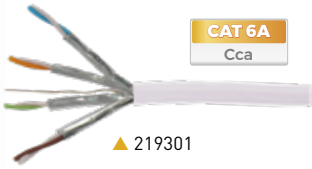
▲ 233230

▲ 233231

COPPER SOLUTIONS

Ref.	Description			
	CABLES AND PATCH-CORDS			
	CATEGORY 7			
	Copper (Cu)			
219101	Data Cable DK7000 S/FTP Cat 7 Cca Cu LSFH Ø 7,4mm White			305
	CATEGORY 6A			
	Copper (Cu)			
219301	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White			305
219302	Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White			500
	CATEGORY 6			
	Copper (Cu)			
212101	Data Cable DK6000 F/UTP Cat 6 Dca Cu LSFH Ø 7,2mm Violet			500
212201	Data Cable DK6000 U/UTP Cat 6 Fca Cu PE Ø 6,2mm White			305
2123	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet			305
212302	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet			1000
212305	Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm White			500
212310	Data Cable DK6000 U/UTP Cat 6 Eca Cu LSFH Ø 6,0mm Violet			305
2199	Data Cable DK6000 U/UTP Cat 6 Eca Cu PVC Ø 6,2mm White			305
	Copper Clad Aluminium (CCA)			
219901	Data Cable U/UTP Cat 6 Fca CCA PVC Ø 6,2mm White			305
219910	Data Cable U/UTP Cat 6 Fca CCA LSFH Ø 6,2mm Violet			305
	CATEGORY 5E			
	Copper (Cu)			
219502	Data Cable DK5000E F/UTP Cat 5E Eca Cu LSFH Ø 6,3mm Grey			305
219602	Data Cable DK5000E U/UTP Cat 5E Eca Cu LSFH Ø 5,5mm Grey			305
219701	Data Cable DK5000E U/UTP Cat 5E Fca Cu PE Ø 5,5mm Black			305

▲ 219101



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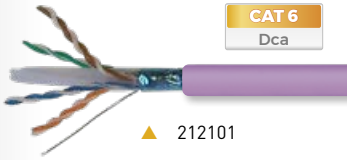

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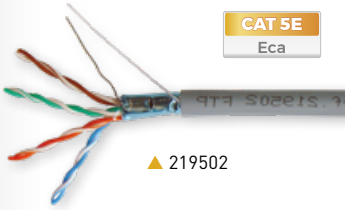

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Technical specifications of data cables: **page 61.**

COPPER SOLUTIONS

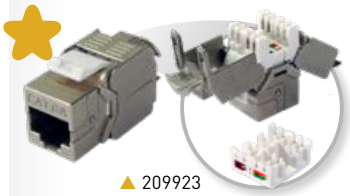
Ref.	Description		
	CABLES AND PATCH-CORDS		
	PATCH-CORDS		
	Category 6A		
209101	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.5m Grey (Bag B0)	●	1
209102	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey (Bag B0)	●	1
209103	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey (Bag B0)	●	1
209104	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey (Bag B0)	●	1
209105	Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey (Bag B0)	●	1
	Category 6		
209001	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)	○	1
209002	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)	○	1
209003	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)	○	1
209004	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)	○	1
209005	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)	○	1
209011	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White	○	10
209012	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White	○	10
209013	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White	○	10
209014	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White	○	10
209015	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White	○	10
209016	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 7m White	○	10
209017	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 10m White	○	10
209018	Patch-cord RJ45 U/UTP Cat 6 Cu PVC 20m White	○	10
209301	Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,3m Violet (Bag)	●	1
	ACCESSORIES		
200101	Velcro Tape for Cables 8m, Width: 15mm, Black	●	1
200102	Velcro Flange for Cables, Width: 15mm, Black	●	1

Ref.	Description		
	CONNECTORS		
	CATEGORY 6A		
209921	Data Connector RJ45 UTP Cat 6A Female, Plastic Box		10
209923	Data Connector RJ45 FTP Cat 6A Female, Plastic Box		10
	CATEGORY 6		
209901	Data Connector RJ45 UTP Cat 6 Female 90º/180º, Plastic Box		10
209902	Data Connector RJ45 UTP Cat 6 Male, Plastic Box		50
209903	Data Connector RJ45 FTP Cat 6 Female, Plastic Box		10
209904	Data Connector RJ45 FTP Cat 6 Male, Plastic Box		50
209961	Data Connector RJ45 UTP Cat 6 Male with White Protective Sleeve, Plastic Box	○	25
209962	Data Connector RJ45 UTP Cat 6 Male with Grey Protective Sleeve, Plastic Box	●	25
	TOOLS		
209801	Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors		1
209811	Termination Tool for RJ45 Cat 6 Female Connectors		1
	KITS		
209401	Kit – Carrying case which includes: 50xRJ45 UTP Cat 6 Male connectors (ref. 209902), 15xRJ45 UTP Cat 6 Female connectors (ref. 209901) and 1xCrimping tool (ref. 209801)		1

Ref.	Description	
	DATA DISTRIBUTION	
	OUTLETS/ROSETTES	
209910	Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector	5

▲ 209105

▲ 209018



▲ 209923

▲ 209921

▲ 209904

▲ 209902

▲ 209811

▲ 209801

▲ 209910

◤ 209401

BASIC TELEPHONY

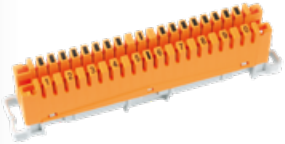
Televes

Ref.	Description		
TELEPHONE CABLES			
CATEGORY 3			
217001	Basic Telephony Cable 1 Pair Ø 4mm LSFH Fca White	◯	250
217101	Basic Telephony Cable 2 Pairs Ø 5mm LSFH Fca White	◯	250

Ref.	Description	
TELEPHONE DISTRIBUTION		
UAPS (BOXES)		
5415	Basic Telephony UAP 2 Lines - 2 Outputs	10
5461	Basic Telephony UAP 1 Line – 6 Outputs	10
CONNECTION STRIPS		
2172	Basic Telephony Terminal Board 10 Pairs	5
SUPPORTS		
2182	Support for 10 Basic Telephony Terminal Boards of 10 Pairs	10
2188	Support for 1 Basic Telephony Terminal Board of 10 Pairs	10
ACCESSORIES		
2174	Professional Tool for Cable Mounting in Basic Telephony Terminal Boards	1
2181	Label Holder for Basic Telephony Terminal Board of 10 Pairs	20
2189	Distribution Box for 10 Basic Telephony Terminal Board of 10 Pairs Dimensions: 315x165x93mm	1

▲ 217001

▲ 5402



▲ 2172

▲ 2174

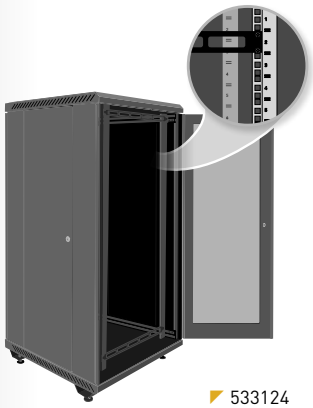
▲ 2188

▲ 2189

RACKS AND CABINETS

Ref.	Description	
19" RACKS		
RACKS		
533105	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533106	19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533107	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533108	19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533112	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)(Disassembled)	1
533113	19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (2x1RU cable panels included)	1
533117	19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x870x400mm. Wall/Ground Mount (2x1RU cable panels included)	1
533124	19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x1200x400mm. Ground Mount (2x1RU cable panels included)	1
533141	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount (Disassembled)	1
533142	19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2050x800mm. Ground Mount	1
PATCH PANELS AND TRAYS		
533001	Power Distribution Unit 8 Schuko Outlets 16A for Rack 19" 1RU, Black	1
533150	Panel for Rack 19" 1RU, Up to 24 "F" connectors	1
533151	Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors	1
533152	Splice Box for Rack 19" 1RU, Up to 24 "SC" connectors (Depth 230mm)	1
533153	T.0X Panel for Rack 19" 1RU, Up to 2x7 "F" connectors	1
533155	Tray for Rack 19" 2RU (Depth 265mm)	1
533157	Splice Box for Rack 19" 2RU, Up to 48 "SC" connectors (Depth 230mm)	1
533158	Cable Management for Rack 19" 1RU, 5 Rings	1
533159	Cable Management for Rack 19" 1RU, 1 Hole with Brush Strip	1
533160	Cable Management for Rack 19" 1RU, Front Cover	1
533162	Blank Panel for Rack 19" 2RU	1
ACCESSORIES		
533170	Screw Kit for Rack 19": Screw with washer and nut (50 units)	1
533171	Kit for Rack 19": 4 Wheels and Screws	1

Ref.	Description	
HEADEND CABINETS		
CABINETS		
5750	Cabinet for Headend Amplifier 440x440x140mm	1
5893	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 300x400x200mm	1
589301	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x400x200mm	1
589302	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x600x200mm	1
589303	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x600x200mm	1
589304	Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x800x200mm	1
PERFORATED PLATES		
5894	Perforated Mounting Plate 300x400mm, Distance from the wall 19mm	1
589401	Perforated Mounting Plate 400x400mm, Distance from the wall 19mm	1
589402	Perforated Mounting Plate 400x600mm, Distance from the wall 19mm	1



533124

533001

533158

533159

533152

533157

589303

533105 533107 533112

In case of references that are supplied disassembled

RACKS AND CABINETS

Televes

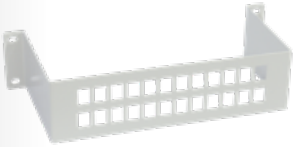
Ref.	Description	
ENCLOSURES		
ENCLOSURES		
231301	Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)	1
231302	Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)	1
231310	Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)	1
233002	Main Terminal Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
233003	Stackable Main Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)	1
546601	Closed Main Terminal Enclosure for Data/Coaxial Distribution (Up to 48 connections)	1
546610	Open Main Terminal Panel for Data/Coaxial Distribution (Up to 24 connections)	1
546701	Data/Coaxial/Fibre Network Terminal Enclosure with Flexible Front Frame	1
★ 546702	Data/Coaxial/Fibre Network Terminal Enclosure	1
ACCESSORIES		
546620	Coaxial Adapter Support "F" Female - "F" Female, for Panels (Refs. 546602 and 546610)	1

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

▲ 231302

▲ 231310

▲ 233003


◤ 546610

◤ 546702

▲ 231502

▲ 546501

HDMI DISTRIBUTION

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

▲ 494501

Ref.	Description	
NETWORK ELECTRONICS		
ROUTERS		
769110	Network Manager: Router and Firewall, 4x Gb Ethernet	1
769111	Network Manager: Router and Firewall, 6x Gb Ethernet +2SFP	1
SWITCHES		
Managed		
769140	Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 130W) + 2x SFP (1 Gbps)	1
769141	Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x SFP (1 Gbps)	1
769142	Ethernet Switch L2+: 8x Gb Ethernet + 24x SFP (1 Gbps) + 4x SFP+ (10 Gbps)	1
769143	Ethernet Switch L3: 32x Gb Ethernet + 8x SFP+ (10Gbps)	1

Ref.	Description	
WIFI ACCESS POINTS		
WAVEDATA SERIES		
WaveData Access Points		
769001	Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
769002	Wireless Access Point WaveData: 1x F.O. SFP, 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)	1
Management		
★ 769030	WaveBox device: Managing and monitoring the WaveData network	1
★ 769112	Network Manager: Hotspot, 4x Gb Ethernet	1
Accessories		
769210	SFP Module Gb Ethernet 2 Single-mode Fibers "LC/UPC"	1
★ 769212	Kit: 2 SFP Modules Gb Ethernet 1 Single-mode Fiber "LC/UPC", 1310+1490nm	1

▲ 769001

▲ 769030

▲ 769112

▲ 769110

▲ 769142

▲ 769111

▲ 769143

▲ 769212

Televes

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

Ref.	Description	
FIELD STRENGTH METERS		
MOSAIQ6		
Meters		
596101	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Bag included)	1
596102	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Case included)	1
★ 596105	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
★ 596106	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Case included)	1
596111	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)	1
596112	MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (Carrying Case included)	1
★ 596115	MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, Selective F.O. Interface (CWDM Filter), WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)	1
Options		
596201	Option GPS Drive Test	1
596202	Option WiFi Analyzer (2,4/5GHz)	1
596203	Option Analogue Measures	1
596204	Option DAB/DAB+	1
596205	Option 4K - Ultra High Definition (UHD)	1
596206	Option ISDB-Tb	1
Accessories		
405701	"EasyF" Male - "F" Female Twin Adapter	10
596210	Stand-alone, field replaceable battery	1
596211	Carrying Bag	1
596212	Adapter "N" Male - "F" Female	1
596213	Screen Protector	1
596214	Carrying Case	1

▲ 232105

▲ 596105

▲ 596211

▲ 596213

▲ 596214

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