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- . UHF ANTENNAS "COMPACT" SERIES
- . UHF ANTENNAS "NANO" SERIES
- . FM Radio ANTENNAS
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RECEPTION

AMPLIFICATION

TRANSMODULATION HEADEND

PROCESSING HEADEND

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TRIAx CAST

MULTISWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

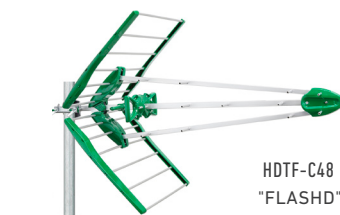
NETWORK ACCESSORIES

RECEIVERS, MODULATORS, FIELD METERS

01. RECEPTION

UHF ANTENNAS

1818	HDTF-C48V	TV UHF antenna "FLASHD". Ch 21-48 (470-694 MHz). G=17 dB. Green colour	1
1824	HDTC-694V	TV UHF antenna "COMPACT". Ch 21-48 (470-694 MHz) G=14 dB. Green colour	10
1825	HDTN-694V	TV UHF antenna "NANO". Ch 21-48 (470-694 MHz) G=12 dB. Green colour	10



HDTF-C48
"FLASHD"

"Fully assembled and instant opening"



HDTC-694V
"COMPACT"



HDTN-694V
"NANO"

BAND II - FM ANTENNA

1726	IKF-1E	Omnidirectional FM antenna (G= -2 dB) Frequency= 87.5-108 MHz	1
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BAND III - DAB DIGITAL RADIO ANTENNA

1727	DAB-131	Digital radio antenna Frequency= 174-240 MHz. G= 2 dB	1
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FM OMNI



DAB-131

01. RECEPTION

GALVANIZED STEEL OFFSET PARABOLIC DISH ANTENNAS

3065	RPA-060	Satellite Dish 60cm Ø, RAL7035 light grey	1
3067	RPA-080	Satellite Dish 80cm Ø, RAL7035 light grey	1
3069	RPA-100	Satellite Dish 100cm Ø, RAL7035 light grey	1
3060	RPA-120	Satellite Dish 120cm Ø, RAL7035 light grey	1

OFFSET TYPE LNBs

1113	UEU-121K	LNB Single 1 output/user	1
3083	UEU-221K	LNB Twin 2 outputs/users	1
1112	UEU-421K	LNB Quad 4 outputs/users	1
1114	UEU-124K	LNB Quattro 4 outputs/polarity VL/VH/HL/HH	1



RPA-080



RPA-120



UEU-121K



UEU-221K



UEU-421K



UEU-124K

- RECEPTION
- AMPLIFICATION
- TRANSMODULATION HEADEND
- PROCESSING HEADEND
- ETHERNET OVER COAX
- TRIAx CAST
- MULTI SWITCHES
- DISTRIBUTION
- OPTICAL FIBER
- FC OPTICAL SYSTEM
- NETWORK ACCESSORIES
- RECEIVERS, MODULATORS, FIELD METERS

01. RECEPTION

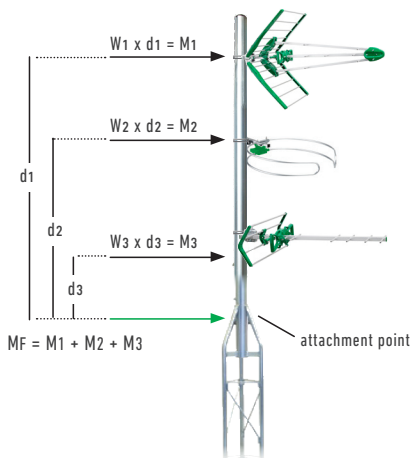
SUPPORTS AND BASES

1888	KMV-100	Wind set. Steelwire 25m, rigging screw, wirelock, for Ø 30-35 mm masts	1
1886	GME-200	Wall support bracket, 40 mm length for Ø 45 mm masts	10
1911	GMA-400	Wall-screwing clamp, 40 cm length for Ø 45 mm masts	10
1887	BMA-200	Wall bracket with 4-bolt plate and polyethylene cap	5
3071	SPA-240	Wall-fixing "U" type for satellite dishes antennas	1
1067	SCF-085	Ground-fixing "columna" type. Height: 900mm x Ø 50mm. Base dimensions: 200x200mm	1
1949	BAP-200	Hooked-support for SCF-085. Base dimensions: 200x200 mm	1
1913	BBT-100	Tiltable ridge-tale base for 35-40 mm Ø	5
1950	BTA-225	Screwed, triangular fixed 225 mm base	1
1876	BFT-100	Fixed triangular 225 mm hooked base	1

MASTS AND TOWERS

1941	MAS-300	Plug-in mast 3m length x 40mm Ø. Thickness 2 mm. Zincd steel	4
1880	MAS-250	Plug-in mast 2,5m length x 35mm Ø. Thickness 1,5 mm. Zincd steel	6
1942	TOR-250	Trestle-tower or upper section 2,5m. Adapted for ref.1941	1
1944	TOR-150	Trestle-tower or upper section 1,5m. Adapted for ref.1941	1

► MF bending moment calculation at the attachment point of a multi-antenna mast



W_{1,2,3} = * Wind loads from antennas
M_{1,2,3} = Bending moments due to each antenna
MF = Bending moment at the clamping point

* Wind loads from antennas
HDTF-C48 130 km/h: 105 N; 150 km/h: 150 N
FM OMNI 130 km/h: 28 N; 150 km/h: 38 N
HDTC-694 130 km/h: 18 N; 150 km/h: 23 N



KMV-100



GME-200



GMA-400



BMA-200



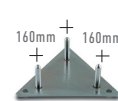
SPA-240



BAP-200



BBT-100



BTA-225



BFT-100



SCF-085



MAS-300



TOR-250

LTE FILTERS

Ref.	Modelo	Descripción	Cant./Emb.	€ / Ud
LTE/5G REJECTION FILTERS				
1436	FLTE-481	Internal filter, frequency rejection 470-694 MHz. DC bypass IEC connectors	1	
314176	TLP 048	Indoor LTE rejection filter, frequency passband 5-694 MHz. Pass loss <3dB. Rejection at 730 MHz >50dB DC bypass. F connectors	1/10	
85062	LFB-M 694	Outdoor LTE rejection filter, frequency passband 5-694 MHz. Passing loss <3dB. Rejection at 730 MHz >50dB. DC bypass. F connectors	1/10	



FLTE-481



TLP 048

← End of stock

01. RECEPTION

AMPLIFIERS

1 INPUT: UHF

1304	SBA-103-C48	1 UHF (470-694 MHz) input. G= 34 dB Power supply from 12 to 24VDC. DC bypass Output level= 113 dB μ V (DIN 45004B IMD-60dB)	1/20
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2 INPUTS: UHF - UHF

1296	SBA-101-C48	2 UHF-UHF (470-694 MHz) inputs. G= 36 dB Output level= 105 dB μ V (DIN 45004B IMD-60dB) Power supply 24 VDC	1/20
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2 INPUTS: UHF - SAT (alimentation recommended: APB-112-M)

1308	SBA-190-C48	1 input UHF (G= 35 dB) 1 input SAT (G= -2 dB) Output level UHF= 105 dB μ V (DIN 45004B IMD-60dB) Power supply 12 VDC. DC bypass input SAT	1/20
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SBA-103-C48

SBA-101-C48

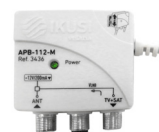


SBA-190-C48

POWER SUPPLIES

3436	APB-112M	Power supply switch mode +12VDC. 200mA. 1 output Frequency up to 2,4 GHz. Dimensions: 50x50 mm	10
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3437	APB-224-M	Power supply switch mode +24VDC. 100mA. 2 outputs Frequency up to 1 GHz. Dimensions: 50x50 mm	10
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APB-112-M



APB-224-M

AMPLIFIER+POWER SUPPLY KITS

1328	JSBA-103-C48	Amplifier SBA-103-C48 + Power supply APB-224-M	1/20
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JSBA-103-C48

RECEPTION
AMPLIFICATION
TRANSMODULATION HEADEND
PROCESSING HEADEND
ETHERNET OVER COAX
TRIAx CAST
MULTI SWITCHES
DISTRIBUTION
OPTICAL FIBER
FC OPTICAL SYSTEM
NETWORK ACCESSORIES
RECEIVERS, MODULATORS, FIELD METERS

02. AMPLIFICATION

AMPLIFIER STATION (high power)

5 INPUTS: 2x UHF - SAT - BI/FM - BIII/DAB

3576	NBS-895-C48	UHF frequency: 470-694 MHz 2xUHF (G=45 dB) - SAT (G=40 dB) - BI/FM (G=42 dB) - BIII/DAB (G=42 dB) Output level TV= 122 dBμV - SAT= 120 dBμV	1/5
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4 INPUTS: 2x UHF - BI/FM - BIII/DAB

3564	NBS-804-C48	UHF frequency: 470-694 MHz 2xUHF (G= 45 dB) - BI/FM (G= 42 dB) - BIII/DAB (G= 42 dB) Output level TV= 122 dBμV	1/5
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1 INPUT: VHF/UHF

3573	NBS-801-C48	UHF frequency: 470-694 MHz VHF/UHF (G= 42 dB) Output level TV= 122 dBμV	1/5
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Serie NBS-800

AMPLIFIER STATION (mid power)

4 INPUTS: 2xUHF - SAT - VHF

3537	NBS-795-C48	UHF frequency: 470-694 MHz UHF (G= 35 dB) - SAT (G= 28-35) - VHF (G= 22 dB) Output level UHF= 115 dBμV - SAT= 120 dBμV - VHF= 115 dBμV	1/10
------	-------------	--	------

3 INPUTS: 2x UHF - VHF

3536	NBS-704-C48	UHF frequency: 470-694 MHz UHF (G= 35 dB) - VHF (G= 22 dB) Output level UHF= 115 dBμV - VHF= 115 dBμV	1/10
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1 INPUT: UHF

3535	NBS-701-C48	UHF frequency: 470-694 MHz UHF (G= 35 dB) Output level UHF= 115 dBμV	1/10
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NBS-795-C48



NBS-704-C48



NBS-701-C48

02. AMPLIFICATION

SAT AMPLIFIERS/COMBINERS

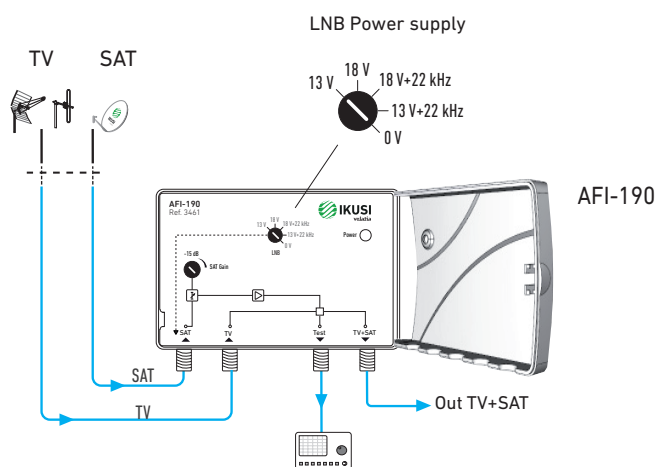
3461 AFI-190 1 satellite 950-2450 MHz input
 1 terrestrial coupling 5-862 MHz input
 Voltage/tone injection for selection of LNB
 Output level= 120 dB μ V

1/20

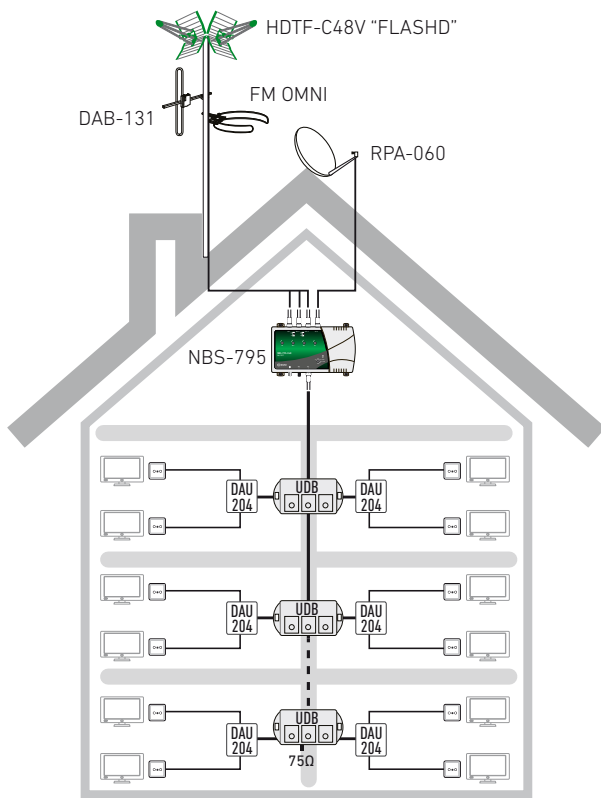


AFI-190

AFI-190 application example



Application example NBS-795-C48



RECEPTION

AMPLIFICATION

TRANSMODULATION
 HEADEND

PROCESSING HEADEND

ETHERNET OVER COAX

TRIAx CAST

MULTI SWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
 FIELD METERS

02. AMPLIFICATION

PROGRAMMABLE HEADEND 32 DIGITAL FILTERS WITH CHANNEL CONVERSION

2864	ONE+ SAT	TERR and SAT programmable amplifier 7 inputs: 3x UHF, SAT, BI/FM, DAB/BIII, EXT (VHF/UHF) 2 onfigurable outputs: • 1 OUTPUT Configuration: OUT 1 [TERR (131 dB μ V -IMD3 -36 dB) + SAT (122 dB μ V)] • 2 OUTPUTS (ICT) Configuration: OUT 1 [TERR (128 dB μ V) + SAT (122 dB μ V)] OUT 2 [TERR (128 dB μ V)]	1
2865	ONE+	TERR programmable Headend 5 inputs: 3x UHF, BI/FM, DAB/BIII 1 output TERR (131 dB μ V -IMD3 -36 dB)	1

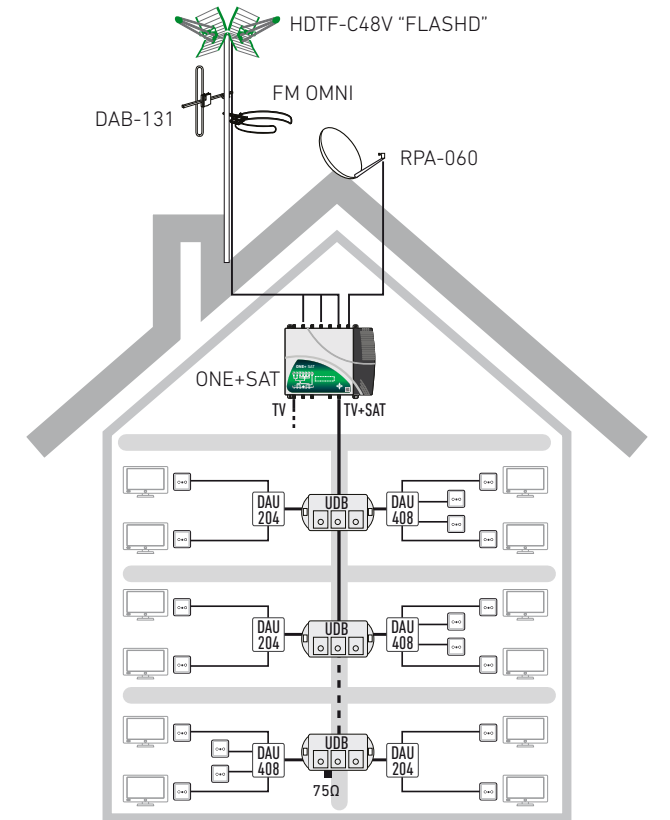


ONE+ SAT



ONE+

Application example ONE+ SAT



02. AMPLIFICATION

SZB MODULE SERIES

AMPLIFIERS

UHF			
2260	SZB+550	UHF Amplifier. Adjacent digital/analogue channel Output level= 121 dB μ V. CAG. Configurable channels 3 bandwidth options: 6 MHz, 7 MHz, 8 MHz (specify in order)	1

SAT			
1346	SZB-190	SAT Amplifier / Combiner G= 33 dB (950 MHz) - 40 dB (2150 MHz) Output level= 120 dB μ V	1

VHF (BII/BIII)			
2293	SZB-128	BII (FM) Amplifier. G= 30 dB Output level= 2x 113 dB μ V	1
3160	SZB-168	Radio digital amplifier. G= 53 dB Output level= 2x 113 dB μ V	1

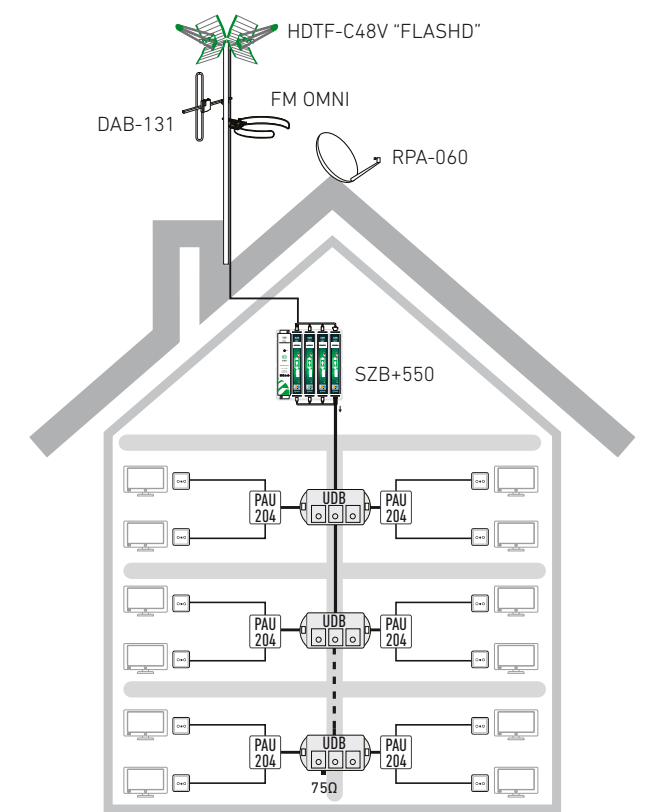
POWER SUPPLY

2250	SZB-214	Switching power supply 24 VDC; 4,5 A	1
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ACCESSORIES

2220	BAS-915	Base plate for 5 modules (power supply contacts)	1
2222	BAS-913	Base plate for 3 modules (power supply contacts)	1
2272	PZL-017	Bridge to connect new and existing headers. Length 200 mm	8
2247	PZB-453	Z plug bridge, F connectors. Length 45.3 mm	10

Application example SZB+550



SZB+550



SZB-214



BAS-915



BAS-913



PZB-453



PZL-017

RECEPTION
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02. AMPLIFICATION

AMPLIFIERS

1 UHF INPUT: 2 OUTPUTS

3584	ATP-200-C48	UHF frequency= 47-694 MHz Output level= 103 dB μ V (IMD3 -60dB (DIN 45004B))	5
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1 UHF INPUT: 4 OUTPUTS

3596	ATP-400-C48	UHF frequency= 47-694 MHz Output level= 103 dB μ V (IMD3 -60dB (DIN 45004B))	1/10
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1 UHF/SAT/RP INPUT: 2 OUTPUT

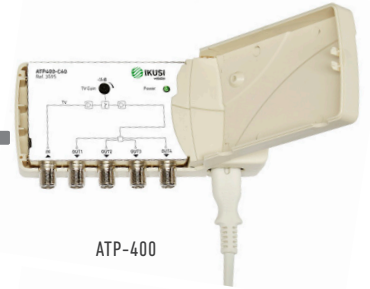
3593	ATP-290-C48	UHF frequency= 47-694 MHz SAT frequency = 950-2400 MHz; G= 22 dB Return path frequency= 5-30 MHz UHF Output level = 102 dB μ V (IMD3 -60dB (DIN 45004B)) SAT= 108 dB μ V (IMD3 -35dB (EN 50083-3))	1
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1 INPUT TV/SAT: 2 OUTPUTS

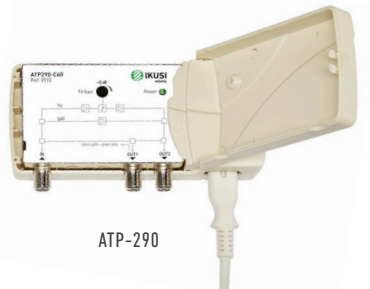
339407	IFB 407	1 input 47-230 / 470-694 MHz ; G= 30 dB 2 output. Output level = 105 dB μ V (EN 50083-5) Power supply for preamplifiers (24 VDC/80 mA)	1/20
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ATP-200



ATP-400



ATP-290

02. AMPLIFICATION

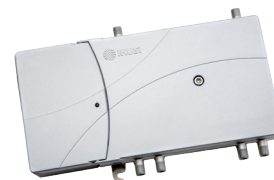
VHF/UHF/SAT/REVERSE PATH 45-2150 MHz AMPLIFIERS

3500 SAE-912 TERR path (47-862 MHz) ; G= 35 dB ; Output level= 118 dB μ V 1/5
 SAT path (950-2150 MHz) ; G= 40 dB ; Output level= 120 dB μ V
 Passive return path (5-35 MHz) ; G= -2.5 dB

3503 SAE-916 TERR path (86-862 MHz) ; G= 35 dB ; Output level= 118 dB μ V 1/5
 SAT path (950-2150 MHz) ; G= 40 dB ; Output level= 120 dB μ V
 Active return path (5-65 MHz) ; G= 12 dB ; Output level= 110 dB μ V

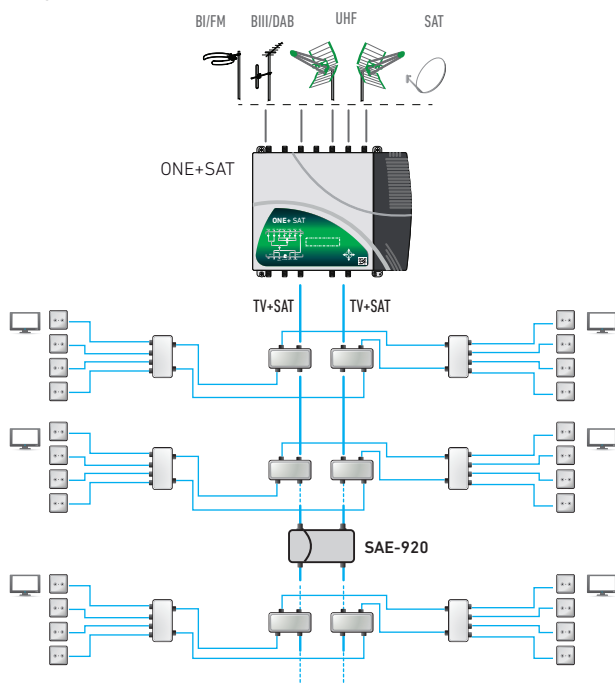
DOUBLE AMPLIFIER

3507 SAE-920 1 input TERR (47-862 MHz) + SAT 1 (950-2150 MHz) 1/5
 1 input SAT 2 (950-2150 MHz)
 2 output TERR+SAT 1 and TERR+SAT 2
 TERR G=35 dB ; Output level=118 dB μ V
 SAT G=40 dB ; Output level=120 dB μ V



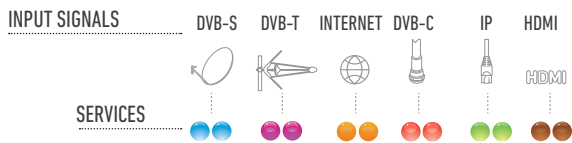
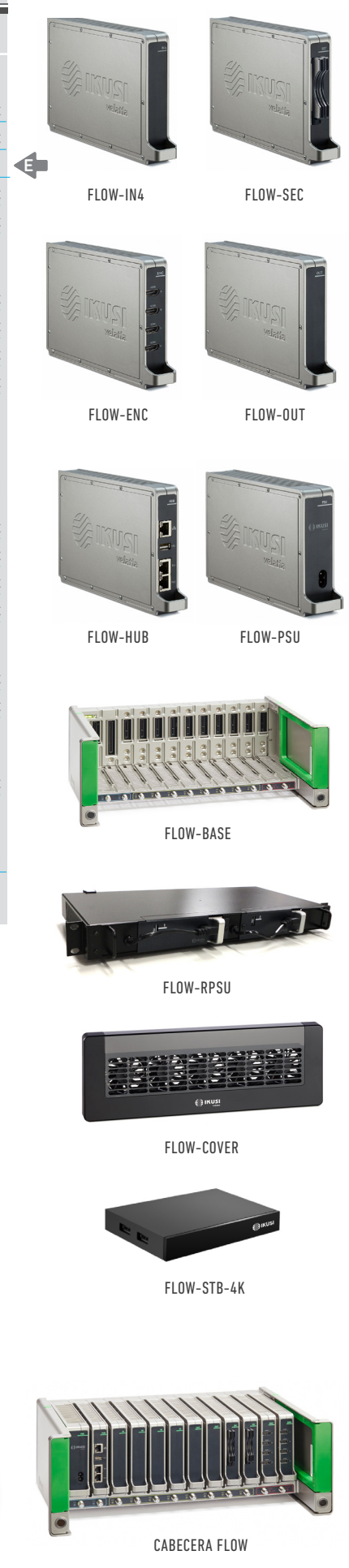
SAE

Application example SAE-920

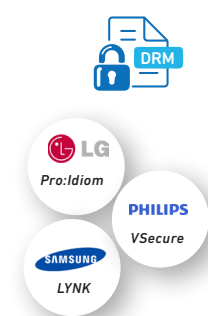
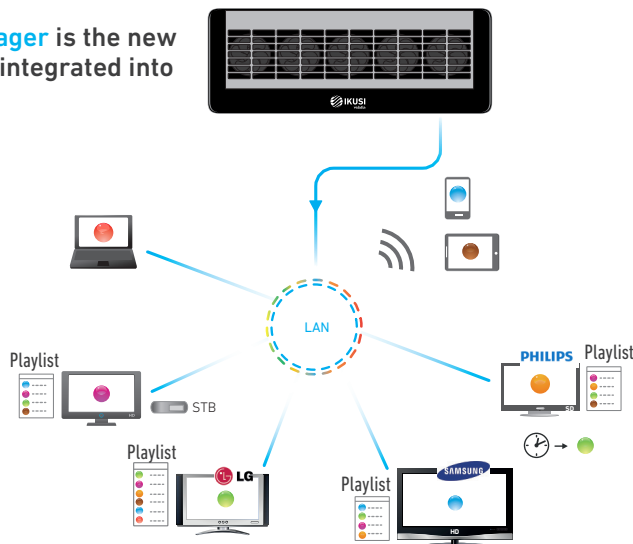


03. TRANSMODULATION HEADEND

FLOW HEADEND					EURO
Ref.	Modelo	Descripción	Cant./Emb.		€/ Ud
MODULES					
4319	FLOW-IN4	Quad universal input module	1		consult
4311	FLOW-SEC	Double Security module 1	1		consult
4315	FLOW-ENC	Quad HDMI encoder module	1		consult
4313	FLOW-OUT	Universal output module 1	1		consult
4314	FLOW-HUB	Control module	1		consult
COMMON ELEMENTS					
4312	FLOW-BASE	12 slot chassis for rack and wall mounting	1		consult
4308	FLOW-PSU	Power supply	1		consult
4320	FLOW-RPSU	Redundant power supply 1	1		consult
4316	FLOW-COVER	Ventilation cover for the platform	1		consult
LICENSES					
FOR 1 HEADEND					
4317	FLOW-DEVICE-MGR (Device Manager)	Manager License	1		consult
4335	FLOW-DRM-SAMSUNG-LYNK-HUB	Samsung LYNK DRM license	1		consult
4337	FLOW-DRM-PHILIPS-VSECURE-HUB	DRM VSecure license	1		consult
4338	FLOW-DRM-LG-PROIDIOM-HUB-MAN	DRM Pro:Idiom Manufacturer license	1		consult
4340	FLOW-DRM-LG-PROIDIOM-HUB-SP	DRM Pro:Idiom Service Provider license	1		consult
FOR 1 MODULE					
4336	FLOW-DRM-LG-PROIDIOM-SEC	DRM Pro:Idiom SEC module license	1		consult
4339	FLOW-DRM-LG-PROIDIOM-ENC	DRM Pro:Idiom ENC module license	1		consult
EXTENDED WARRANTIES					
4330 . 4331 . 4332. Warranty extensions available for 1, 2 and 3 years					consult
ACCESSORIES					
4328	FLOW-STB-4K	IPTV/OTT SET-TOP BOX with 4K support	1		consult



Device Manager is the new Application integrated into headend



03. TRANSMODULATION HEADEND

QUAD IPTV TRANSMODULATORS

3863	HTI-424	Transmodulator 4 universal DVB inputs and 4 IPTV inputs 4 outputs DVB-T/C ; 64 IPTV multicast outputs 2 Common Interface slots	1
3864	HTI-404	Transmodulator 4 inputs DVB-S/S2/T/T2/C 4 outputs DVB-T/C. FTA	1

COMMON ELEMENTS

3865	PSU-150	Power supply for HTI headends Supports redundancy	1
3868	HTA-125	47-862 MHz Broadband amplifier; 125 dBuV	1
3866	BACK-500	Base plate (PSU+ 4 modules). Distributing the power supply and communicating the different modules	1

ACCESSORIES

3867	SR-HTI	Support to install the headend in a 19" rack (2 bases)	1
4404	COR-150	SCHUKO elbow connector	1
4284	USB-300	USB 3.0 adapter to Ethernet 10/100/1000	1
3870	UAH-001	Bridge for connection of two bases (BACK-500)	1
4285	ADA-HTI	Special bridges, to install ClassA modules in the HTI base (BACK-500)	1



HTI-424

HTI-404



HTA-125

PSU-150



SR-HTI

BACK-500



UAH-001



HTI HEADEND

HIGH DENSITY AND FLEXIBILITY
Up to 32 universal DVB inputs per base
Up to 32 RF outputs or 256 IPTV outputs per base

READY FOR IPTV INPUT
Up to 32 IPTV inputs per base

ADVANCED ROUTING MATRIX
From any input to any output.
Decoded in any CAM. No compromises

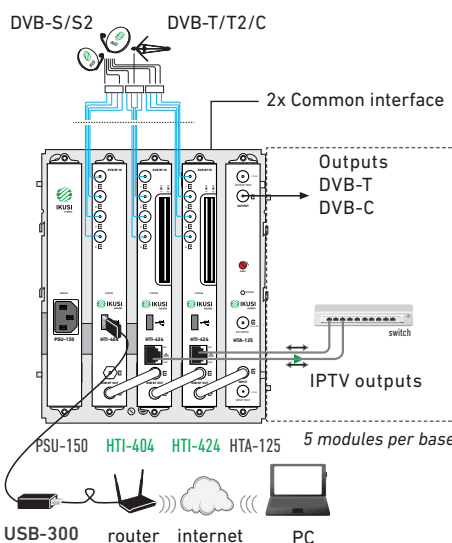
MULTISTREAM SUPPORTED
+ 200 additional TV channels

PRE-BOOKING OF CHANNELS
To prevent a future rescanning
of the televisions

SEPARATION OF AUDIOS
Generation of one TV channel for each audio

INDEPENDENT OUTPUT CHANNELS
Distributed over any part of the band

**INTERCONNECTED BASE-PLATE
REDUNDANT POWER SUPPLY**
Power supplied through the backplane, without bridges



RECEPTION
AMPLIFICATION
TRANSMODULATION HEADEND
PROCESSING HEADEND
ETHERNET OVER COAX
TRIAx CAST
MULTISWITCHES
DISTRIBUTION
OPTICAL FIBER
FC OPTICAL SYSTEM
NETWORK ACCESSORIES
RECEIVERS, MODULATORS, FIELD METERS



CAST CONNECT

EURO

Ref.	Model	Description	Quant./Pack.	€ / Ud
SOLUTION: PLAY DEVICE CONTENTS ON TV				
8441	Cast CONNECT Server 300		1	
8477	Cast CONNECT Server 60		1	
8478	Cast CONNECT Server 2000		1	
		Bracket Support for Cast Connect server installation	1	
8476	Chromecast device V4		1	
8439	Cast Lock. Protection system to prevent tampering of the Triax Cast device		1	
LICENSES				
8444	License Chromecast. 1 year		1	



Cast Connect server



Bracket Support



Chromecast



Lock system

RECEPTION

AMPLIFICATION

TRANSMODULATION
HEADEND

CAST CONNECT

MULTISWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
FIELD METERS



NEW MULTISWITCHES WITH FAGOR BRAND



05. MULTISWITCHES

RECEPTION

AMPLIFICATION

TRANSMODULATION
HEADEND

PROCESSING HEADEND

ETHERNET OVER COAX

TRIAx CAST

MULTISWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
FIELD METERS

06. DISTRIBUTION

5-2400 MHz TAP-OFFS WITH F CONNECTION "UDM" SERIES

1 SALIDAS

2052	UDM-110	Tap-off 1 output. Tap loss 10 dB	1/10
2053	UDM-115	Tap-off 1 output. Tap loss 15 dB	1/10
2054	UDM-120	Tap-off 1 output. Tap loss 20 dB	1/10
2055	UDM-125	Tap-off 1 output. Tap loss 25 dB	1/10

2 SALIDAS

2056	UDM-210	Tap-off 2 output. Tap loss 10 dB	1/10
2057	UDM-215	Tap-off 2 output. Tap loss 15 dB	1/10
2058	UDM-220	Tap-off 2 output. Tap loss 20 dB	1/10
2059	UDM-225	Tap-off 2 output. Tap loss 25 dB	1/10

4 SALIDAS

2060	UDM-410	Tap-off 4 output. Tap loss 10 dB	1/10
2061	UDM-415	Tap-off 4 output. Tap loss 15 dB	1/10
2062	UDM-420	Tap-off 4 output. Tap loss 20 dB	1/10
2063	UDM-425	Tap-off 4 output. Tap loss 25 dB	1/10

6 SALIDAS

2064	UDM-615	Tap-off 6 output. Tap loss 15 dB	1/10
2065	UDM-620	Tap-off 6 output. Tap loss 20 dB	1/10
2066	UDM-625	Tap-off 6 output. Tap loss 25 dB	1/10

8 SALIDAS

2067	UDM-815	Tap-off 8 output. Tap loss 15 dB	1/10
2068	UDM-820	Tap-off 8 output. Tap loss 20 dB	1/10
2069	UDM-825	Tap-off 8 output. Tap loss 25 dB	1/10

06. DISTRIBUTION

5-2400 MHz TAP-OFFS WITH FAST CONNECTION "UDB" SERIES

1 OUTPUT

2110	UDB-110	Tap-off 1 output. Tap loss 10 dB	10
2111	UDB-115	Tap-off 1 output. Tap loss 15 dB	10
2112	UDB-120	Tap-off 1 output. Tap loss 20 dB	10

2 OUTPUTS

2113	UDB-210	Tap-off 2 output. Tap loss 10 dB	10
2114	UDB-215	Tap-off 2 output. Tap loss 15 dB	10
2115	UDB-220	Tap-off 2 output. Tap loss 20 dB	10
2116	UDB-225	Tap-off 2 output. Tap loss 25 dB	10

4 OUTPUTS

2117	UDB-410	Tap-off 4 output. Tap loss 10 dB	10
2118	UDB-415	Tap-off 4 output. Tap loss 15 dB	10
2119	UDB-420	Tap-off 4 output. Tap loss 20 dB	10
2120	UDB-425	Tap-off 4 output. Tap loss 25 dB	10

6 OUTPUTS

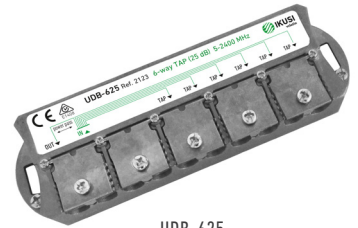
2121	UDB-615	Tap-off 6 output. Tap loss 15 dB	10
2122	UDB-620	Tap-off 6 output. Tap loss 20 dB	10
2123	UDB-625	Tap-off 6 output. Tap loss 25 dB	10

8 OUTPUTS

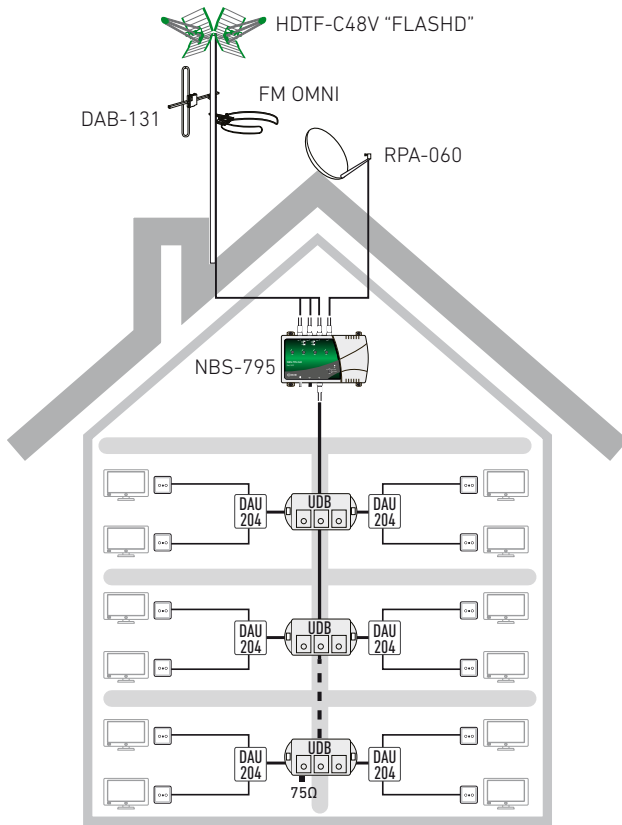
2124	UDB-815	Tap-off 8 output. Tap loss 16 dB	10
2125	UDB-820	Tap-off 8 output. Tap loss 20 dB	10



UDB-410



UDB-625



RECEPTION

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HEADEND

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ETHERNET OVER COAX

TRIAx CAST

MULTI SWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

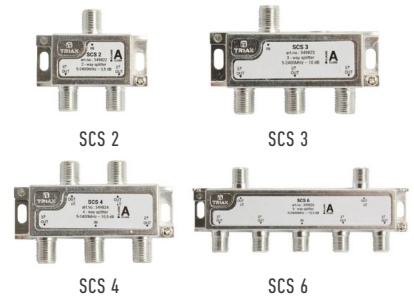
NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
FIELD METERS

06. DISTRIBUTION

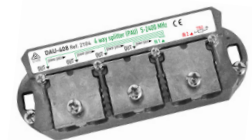
5-2400 MHz SPLITTERS WITH F CONNECTION "SCS" SERIES

2092	SCS 2	Splitter 2 outputs. Attenuation 4 to 6 dB	1/10
2093	SCS 3	Splitter 3 outputs. Attenuation 6 to 8 dB	1/10
2094	SCS 4	Splitter 4 outputs. Attenuation 7 to 9 dB	1/10
2096	SCS 6	Splitter 6 outputs. Attenuation 10 to 12 dB	1/10
2098	SCS 8	Splitter 8 outputs. Attenuation 11 to 14 dB	1/10



5-2400 MHz USER ACCESS POINTS WITH F CONNECTION "PAU" SERIES

3331	PAU-204	User access point 2 output. Attenuation 6 dB	10
3354	PAU-203	User access point 3 output. Attenuation 10 dB	10
3369	PAU-904	User access point 4 output. Attenuation 10.5 dB	10
3370	PAU-905	User access point 5 output. Attenuation 16 dB	10
3379	PAU-906	User access point 6 output. Attenuation 16.5 dB	10
3380	PAU-908	User access point 8 output. Attenuation 17 dB	10



5-2400 MHz SPLITTERS+PAU WITH FAST CONNECTION "DAU" SERIES

2102	DAU-204	Splitter+PAU 2 outputs. Attenuation 4.5 dB	10
2103	DAU-307	Splitter+PAU 3 outputs. Attenuation 8 dB	10
2104	DAU-408	Splitter+PAU 4 outputs. Attenuation 9.5 dB	10
2105	DAU-510	Splitter+PAU 5 outputs. Attenuation 11.5 dB	10
2106	DAU-612	Splitter+PAU 6 outputs. Attenuation 13 dB	10
2107	DAU-813	Splitter+PAU 8 outputs. Attenuation 14.5 dB	10

DAU-813

TV-IF COMBINER

3372	DMS-300	3 inputs combiner (TV; SAT 1; SAT 2) 2 outputs (TV+SAT 1; TV+SAT 2). DC bypass	1
511102	CTS 2400	Mixer 2 inputs (SAT + Terr), 1 output (SAT+Terr) DC bypass In/Out	1/10



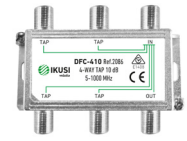
06. DISTRIBUTION

TAP OFF FOR CATV NETWORKS 5-1000 MHz

2086	DFC-410	Tap off 4 outputs. Attenuation 10 dB	10
2087	DFC-415	Tap off 4 outputs. Attenuation 15 dB	10
2088	DFC-420	Tap off 4 outputs. Attenuation 20 dB	10
2089	DFC-425	Tap off 4 outputs. Attenuation 25 dB	10

5-1000 MHz SPLITTERS FOR CATV NETWORKS

2081	DIFC-201	Splitter 2 outputs. Attenuation 4 dB	10
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DFC-410



DFC-425



DIFC-201



RECEPTION

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MULTI SWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
FIELD METERS

06. DISTRIBUTION



COAXIAL CABLE EUROCLASS CPR Dca

INNER CONDUCTOR Cu | BRAID Cu 128 wires | Class A | LSZH

2780 CUC-640 Attenuation 15 dB (694 MHz) ; 28 dB (2150 MHz), 4x100 m
 Ø6.8 mm, White, CPR Dca. RG6. Indoor

INNER CONDUCTOR Cu | BRAID Cu 96 wires | Class A | LSZH

2791 CUC-540 Attenuation 16 dB (694 MHz) 29.9 dB (2150 MHz) 4x100 m
 Ø6.8 mm, White, CPR Dca. RG6. Indoor

2790 CUC-544 Attenuation 16 dB (694 MHz) 29.9 dB (2150 MHz), 4x100 m
 Ø6.8 mm, Black, CPR Dca. RG6. Indoor/Outdoor

INNER CONDUCTOR Cu | BRAID CCA 128 wires | Class A | LSZH

2783 CUA-540 Attenuation 16 dB (694 MHz) 29.6 dB (2150 MHz) 4x100 m
 Ø6.8 mm, Blanco, CPR Dca. RG6. Indoor

2785 CUA-544 Attenuation 16 dB (694 MHz) 29.6 dB (2150 MHz) 4x100 m
 Ø6.8 mm, Black, CPR Dca. RG6. Indoor/Outdoor

INNER CONDUCTOR Cu | BRAID Al 96 wires | Class A | LSZH

2781 CUL-640 Attenuation 16,5 dB (694 MHz) 31 dB (2150 MHz) 4x100 m
 Ø6,8 mm, White, CPR Dca. RG6. Indoor

INNER CONDUCTOR CCS | BRAID Al 112 wires | Class A | LSZH

2786 CSL-611 Attenuation 1.3 dB (5 MHz) 14.5 dB (1000 MHz) 1x200 m
 Ø10.1 mm, Black, CPR Dca. RG11. Indoor/Outdoor

2787 CSL-640 Attenuation 1,9 dB (5 MHz) 19 dB (1000 MHz) 4x100 m
 Ø6.9 mm, White, CPR Dca. RG6. Indoor/Outdoor

2788 CSL-644 Attenuation 1.9 dB (5 MHz) 19 dB (1000 MHz) 4x100 m
 Ø6,9 mm, Black, CPR Dca. RG6. Indoor/Outdoor

2789 CSL-659 Attenuation 2.8 dB (5 MHz) 25.4 dB (1000 MHz) 4x100 m
 Ø6 mm, White, CPR Dca. RG59. Indoor/Outdoor



CUC-640



CUC-540



CUC-544



CUA-540



CUA-544



CUL-640



CSL-611



CSL-640



CSL-644



CSL-659

06. DISTRIBUTION

COAXIAL CABLE EUROCLASS CPR Eca

INNER CONDUCTOR Cu | BRAID Cu 96 wires | Class A

2563 CUC-340 Attenuation 16 dB (694 MHz) 29.9 dB (2150 MHz), 4x100 m
 Ø6.8 mm, PVC White. RG6. Indoor

INNER CONDUCTOR Cu | BRAID CCA 128 wires | Class A

2557 CUA-340 Attenuation 16 dB (694 MHz) 29.6 dB (2150 MHz), 4x100 m
 Ø6.8 mm, PVC White. RG6. Indoor

INNER CONDUCTOR Cu | BRAID Al 96 wires | Class A

2495 CUL-440 Attenuation 16.6 dB (694 MHz) 31 dB (2150 MHz), 4x100 m
 Ø6.8 mm, PVC White. RG6. Indoor

2494 CUL-443 Attenuation 16,6 dB (694 MHz) 31 dB (2150 MHz), 1x300 m
 Ø6.8 mm, PVC White. RG6. Indoor

INNER CONDUCTOR CCS | BRAID Al 80 wires | Class B

2493 17VATCAPH1 Attenuation 19 dB (862 MHz) 30 dB (2150 MHz), 4x100 m
 Ø6.8 mm, PVC White. RG6

2550 CSL-443 Attenuation 19 dB (862 MHz) 30 dB (2150 MHz), 1x300 m
 Ø6.8 mm, PVC White. RG6



CUC-340



CUA-340



CUL-440



CUL-443



17VATCAPH1



CSL-443

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TRIAx CAST

MULTI SWITCHES

DISTRIBUTION

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FC OPTICAL SYSTEM

NETWORK ACCESSORIES

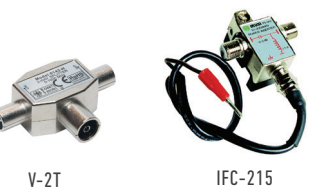
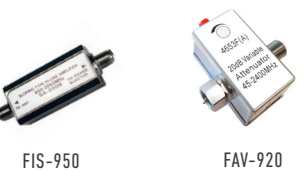
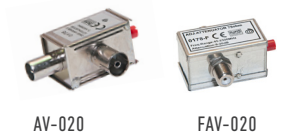
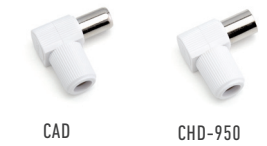
RECEIVERS, MODULATORS,
FIELD METERS

06. DISTRIBUTION

CONNECTORS

EURO

Ref.	Modelo	Descripción	Cant./Emb.	€/ Ud
CONNECTING ELEMENTS FOR COAXIAL CABLES				
F SCREW-ON CONNECTORS				
2377	CFR-680	F male connector screw-on for RG6 cables	100	
COMPRESSION CONNECTORS				
3133	CCF-111	F male compression connector for RG11 cables	25	
3131	CFC-600	F male compression connector for RG6 cables	50	
2380	CFC-590	F male compression connector for RG59 cables	50	
F CRIMP CONNECTORS				
2513	CTF-125	F male crimp connector for RG11 cables	25	
2368	CTF-190	F male crimp connector for RG6 cables	50	
IEC ELBOW CONNECTORS				
1502	CAD	IEC male elbow connector for RG6 and RG59 cables	50	
1503	CHD-950	IEC female elbow connector for RG6 and RG59 cables	50	
ATTENUATORS				
3105	FAV-020	F type attenuator. 75Ω	1	
1674	AV-020	Variable attenuator, constant impedance. 9,5 mm Ø Without DC bypass	10	
3242	FAV-920	2150 MHz frequency attenuator	1	
ACCESSORIES				
1107	FIS-950	IF plug-in amplifier	1	
2379	BCF-060	60 V AC/DC block F type male-female connector	10	
2221	CTF-075	Charge 75 Ω. For loading an F port. Nickered brass	10	
2071	CTB-075	75Ω termination for flange connector	10	
1408	V-2T	2 way splitters / 2 input combiners	10	
	F82	BAG 10 pcs Adaptor F-female/F-female	10	
3241	IFC-215	Shielded power inserter	1	
3211	FMM-100	Quick connector F male-male	50	
1847	UCF-170	Hex crimp tool for CTF-125 and CTF-190 connectors	1	
3132	UCR-600	Compression tool for CCF-111 and CFC-600 connectors	1	
			5	



← End of stock

06. DISTRIBUTION

SHIELDED OUTLET (without coverplate)

2574	ARTU008	Bridged end outlet for star installation, 1.5 dB (862 MHz)	10
2576	ARTU081	Resistive end outlet for star installation, 3 dB (1000 MHz)	10

TV/SAT FILTERED OUTLET, SHIELDED (without coverplate)

2571	ARTU068	TV-SAT end outlet for star installation, 1 dB (694 MHz), 1.5 dB (2400 MHz), DC bypass. Without fixing hooks	10
2570	ARTU088	TV-SAT end outlet for star installation, 1 dB (862 MHz), 1.5 dB (2400 MHz), DC bypass. With fixing hooks	10

TV/SAT INDUCTIVE OUTLET, SHIELDED (without coverplate)

2578	ARTU980	TV/SAT-TV/SAT end outlet, 4.5 dB (862 MHz), 6 dB (2400 MHz) With DC bypass. Cascade installation. With fixing hooks	10
2579	ARTU981	TV/SAT-TV/SAT intermediate outlet, 9 dB (862 MHz), 10 dB (2400 MHz) With DC bypass. Cascade installation. With fixing hooks	10
2580	ARTU982	TV/SAT-TV/SAT intermediate outlet, 13 dB (862 MHz), 14 dB (2400 MHz) With DC bypass. Cascade installation. With fixing hooks	10
2575	ARTU983	TV/SAT-TV/SAT intermediate outlet, 20 dB (862 MHz), 24 dB (2400 MHz) With DC bypass. Cascade installation. With fixing hooks	10

CATV FILTERED OUTLET, SHIELDED (without coverplate)

2573	ARTU111	TV-RD end outlet, for star installation, 3 dB (108 MHz) 0.5 dB (1000 MHz). With DC bypass	10
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TV/RD/SAT OUTLET (with coverplate and frame)

5360	PSE-300	TV-RD-SAT end outlet (5-68/125-862 MHz; 88-108 MHz; 950-2400 MHz) Input attenuation: TV (≤ 2 dB); RD (≤ 2 dB); SAT (≤ 3 dB)	10
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ACCESSORIES

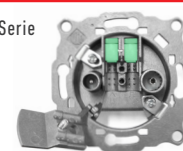
COVERPLATES

2488	PBT-980	TV+SAT - TV+SAT. For outlets ref. 2578; 2579; 2580; 2575	10
2489	PBT-990	TV+RD - SAT. For outlets ref. 2570; 2571	10
2490	PBT-480	TV - RD. For outlets ref. 2574; 2576; 2573	10

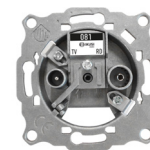
FRAME

1460	ABT-210	Surface mounting frame adaptable to coverplate PBT	50
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ARTU Serie



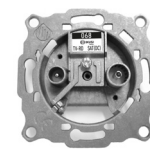
ARTU0081



ARTU081



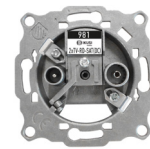
ARTU068



ARTU088



ARTU980



ARTU981



ARTU982



ARTU983



ARTU111



PSE-300



PBT-xxx



ABT-210

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07. OPTICAL FIBER

OPTICAL FIBER SC

EURO

Ref.	Model	Description	Quant./Pack.	€/ Ud
TRANSMITTER HEADEND				
4915	FTD-420	Optical transmitter (TERR: 45-862 MHz); (SAT: 950-2150 MHz) Optical wavelength: 1310 nm (SC/APC), Power: 4 mW	1	
STAND-ALONE				
4870	FTD-1110	Optical transmitter (45-862 MHz). Optical wavelength: 1550 nm (SC/APC). Power: 10 mW	1	
4871	FTD-1290	Optical transmitter (45-2600 MHz). Optical wavelength: 1550 nm (SC/APC). Power: 10 mW	1	
ACTIVE RECEIVERS				
4914	FRD-400	Optical receiver (TERR: 45-862 MHz); (SAT: 950-2150 MHz) Optical wavelength: 1290-1600 nm (SC/APC) Optical power: TERR: 119 dBuV / SAT: 120 dBuV (IMD3 -60 DIN45004B)	1	
4872	FRD-110	Active optical receiver (45-862 MHz). Optical wavelength: 1300-1560 nm (SC/APC)	1	
4873	FRD-190	Active optical receiver (45-2600 MHz). Optical wavelength: 1300-1560 nm (SC/APC)	1	
PASSIVE RECEIVERS				
4874	FRD-010	Passive optical receiver (47-1000 MHz). Optical wavelength: 1550 nm (SC/APC)	1	
4875	FRD-090	Passive optical receiver (47-2150 MHz). Optical wavelength: 1550 nm (SC/APC)	1	
OPTICAL SPLITTERS				
HEADEND				
4904	FSP-302	Optical splitter 2 way (SC/APC)	1	
4905	FSP-303	Optical splitter 3 way (SC/APC)	1	
4916	FSP-304	Optical splitter 4 way (SC/APC)	1	
4918	FSP-306	Optical splitter 6 way (SC/APC)	1	
STAND-ALONE				
4896	FSP-202	Optical splitter 2 way (SC/APC)	1	
4898	FSP-204	Optical splitter 4 way (SC/APC)	1	
4897	FSP-208	Optical splitter 8 way (SC/APC)	1	
4899	FSP-216	Optical splitter 16 way (SC/APC)	1	
ACCESSORIES				
ATTENUATORS				
4892	FAO-004	Optical attenuator 4 dB (SC/APC)	1	
4893	FAO-006	Optical attenuator 6 dB (SC/APC)	1	



FTD-420



FTD-1110



FTD-1290



FRD-400



FRD-110



FRD-190



FRD-010



FRD-090



FSP-302/303/304/306



FSP-216



FSP-202



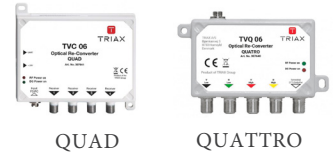
FAO-006

← End of stock

08. FC OPTICAL SYSTEMS

RECEIVERS

4952	QUAD GTU	Optical receiver 1 FC/PC optical input and 4 FI+Terr outputs QUAD type, for four independent users Output level SAT: 70 dB μ V - Terr: 68 dB μ V	1
4953	QUATTRRO GTU	Optical Receiver 1 FC/PC optical input plus 1 RF output and four fixed IF outlets, type QUATTRRO Wavelength 1100 to 1650 nm Output level SAT: 70 dB μ V - Terr: 68 dB μ V	1
4951	PSU QUATTRRO	Power supply for TVQ 06, TVC 06 100...240 VAC / 20 VDC	1



TRANSMITTER + LNB

OTX 1310 Kit	The OTX 1310 kit consists of the wideband LNB TWB 40 and the OTX 1310 SAT fiber optic transmitter including the plug-in power supply. This transmitter unit enables the distribution of the vertical and horizontal SAT bands in combination with terrestrial broadcast channels over a fiber optic (FO) network to a large number of buildings and households.	1
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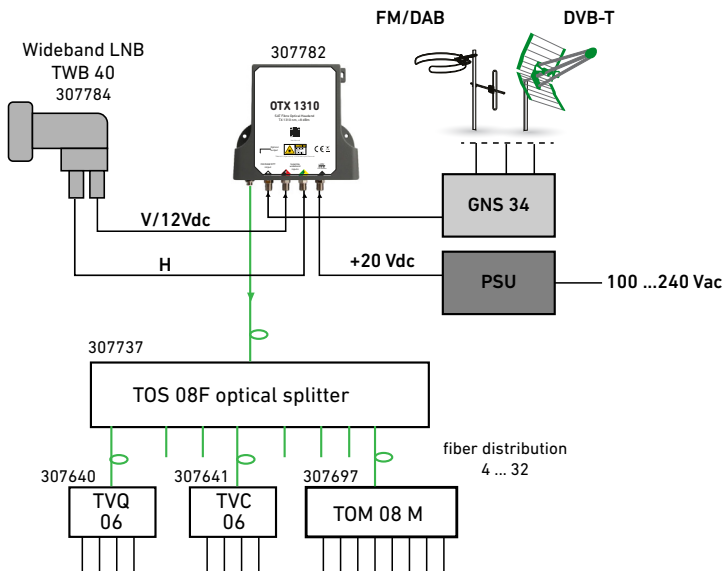
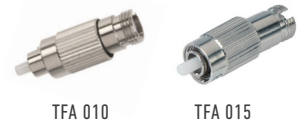


SPLITTERS

307736	TOS 04F	Optical distributor 1 input, 4 outputs metallic, FC/PC connectors, distribution attenuation 7.0 dB	1
307737	TOS 08F	Optical distributor 1 input, 8 outputs metallic, FC/PC connectors, distribution attenuation 10.1 dB	1

ATTENUATORS

307690	TFA 010	10 dB FC/PC optical attenuator	1
307692	TFA 015	15 dB FC/PC optical attenuator	1



RECEPTION
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09. NETWORK ACCESSORIES

ACCESS POINTS

FIBER OPTIC BOXES

8221	PAUF-002	Fibre optic box with fusion tray (material ABS UL94-V0) + 2x adapters SC/APC + 2 pigtails de 1.5 m	1
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PAUF-002

PAUs FIBER OPTIC CONNECTORIZED AT ONE END

8002	PAUF-110D	PAU optic + pigtail 10 m SC/APC. CPR Dca	1
8003	PAUF-115D	PAU optic + pigtail 15 m SC/APC. CPR Dca	1
8004	PAUF-120D	PAU optic + pigtail 20 m SC/APC. CPR Dca	1
8005	PAUF-125D	PAU optic + pigtail 25 m SC/APC. CPR Dca	1
8006	PAUF-130D	PAU optic + pigtail 30 m SC/APC. CPR Dca	1
8007	PAUF-140D	PAU optic + pigtail 40 m SC/APC. CPR Dca	1
8008	PAUF-155D	PAU optic + pigtail 55 m SC/APC. CPR Dca	1
8009	PAUF-170D	PAU optic 70 m SC/APC. CPR Dca	1



PAUF-1xxD



PAUF-2xxD

PAUs FIBER OPTIC CONNECTORIZED AT BOTH ENDS

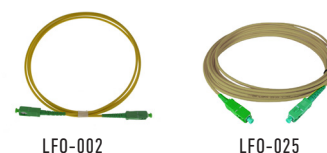
8011	PAUF-210D	PAU optic + Fiber Patch cable 10 m SC/APC. CPR Dca	1
8012	PAUF-215D	PAU optic + Fiber Patch cable 15 m SC/APC. CPR Dca	1
8013	PAUF-220D	PAU optic + Fiber Patch cable 20 m SC/APC. CPR Dca	1
8014	PAUF-225D	PAU optic + Fiber Patch cable 25 m SC/APC. CPR Dca	1
8015	PAUF-230D	PAU optic + Fiber Patch cable 30 m SC/APC. CPR Dca	1
8016	PAUF-240D	PAU optic + Fiber Patch cable 40 m SC/APC. CPR Dca	1
8017	PAUF-255D	PAU optic + Fiber Patch cable 55 m SC/APC. CPR Dca	1
8018	PAUF-270D	PAU optic + Fiber Patch cable 70 m SC/APC. CPR Dca	1



FIBER OPTIC CABLES

PATCH CABLE AND PIGTAILS

8222	LFO-002	Patch cable SC/APC-SC/APC. Cover 1.9 mm. Length 2 m	1
8073	LFO-010	Patch cable SC/APC-SC/APC 1 fiber. CPR Dca. Length 10 m	1
8074	LFO-015	Patch cable SC/APC-SC/APC 1 fiber. CPR Dca. Length 15 m	1
8075	LFO-020	Patch cable SC/APC-SC/APC 1 fiber. CPR Dca. Length 20 m	1
8076	LFO-025	Patch cable SC/APC-SC/APC 1 fiber. CPR Dca. Length 25 m	1
8223	PTI-015	Pigtail SC/APC G657A2 900 um. Length 1.5 m. LSZH-FR	10



LFO-002

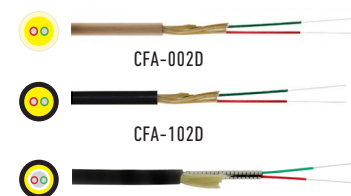
LFO-025



PTI-015

TIGHTENED OPTICAL FIBERS CABLE EUROCLASS Dca

8039	CFA-002D	2 optical fibers cable SM G657A2 LSZH-FR indoor. Ivory. CPR Dca	250 m
8040	CFA-102D	2 optical fibers cable SM G657A2 LSZH-FR-UV indoor/outdoor. Black. CPR Dca	250 m
8041	CFA-202D	2 optical fibers cable SM G657A2 spiral-reinforced steel cover LSZH-FR-UV indoor/outdoor. Black. CPR Dca	250 m



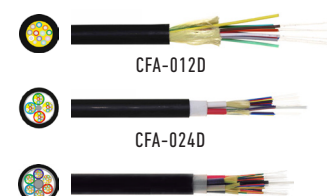
CFA-002D

CFA-102D

CFA-202D

TIGHTENED OPTICAL FIBERS MULTI-CABLE EUROCLASS Dca

8042	CFA-012D	12 optical fibers SM cable LSZH-FR-UV indoor/outdoor. Black. CPR Dca	* to cut
8043	CFA-024D	24 optical fibers SM cable, 4 tubes x6 fibers LSZH-FR-UV indoor/outdoor. Black. CPR Dca	* to cut
8044	CFA-048D	48 optical fibers SM cable, 6 tube x8 fibers LSZH-FR-UV indoor/outdoor. Black. CPR Dca	* to cut
8200	CCM-001	* Cutting the cable by metres	



CFA-012D

CFA-024D

CFA-048D



09. NETWORK ACCESSORIES

LOSSE TUBE OPTICAL FIBERS MULTI-CABLE EUROCLASS Dca

8045	CFH-012D	12 optical fibers SM cable, monotube LSZH indoor. Black. CPR Dca	* to cut
8046	CFH-024D	24 optical fibers SM cable, 4 sub-tubes x6 fibers LSZH indoor. Black. CPR Dca	* to cut
8047	CFH-048D	48 optical fibers SM cable, 6 sub-tubes x8 fibers LSZH indoor. Black. CPR Dca	* to cut
8200	CCM-001	* Cutting the cable by metres	

ACCESSORIES

BOXES AND TRAYS

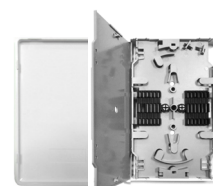
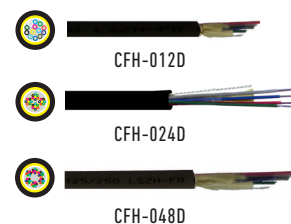
8239	RSE-006	Inner fibre box with 12 fusion trays, 160x110x30 mm. White	1
8240	RSE-012	Inner fibre box with 2 trays of 6 fusions, 180x255x60 mm. Beige	1
8241	RSE-024	Inner fibre box Indoor/outdoor with 12/24 splice tray. IP67 4 input/output ports	1
8295	RSE-121	Inner fibre box with 12 fusion trays, 126x200x50 mm. ABS+PC white	1
8293	CTO-048	Multi-operator box 48 ports SC/APC (Operator/Client Space) 450x180x150 mm	1
8297	PFO-124	19" telescopic fiber tray with 24 SC/LCdx front, 2 trays x 12 fusions (without adapters)	1
8296	FFO-024	Front 24 adapters duplex for PFO-124 tray	1

ADAPTERS AND CONNECTORS

8243	ADF-102	Zirconia SC/APC adapter with side fixings, simplex	25
8292	ADF-103	SC-SC/APC SM adapter without fixing screws, simplex Zirconia, green colour for multi-operator CTO box	25
8291	ADF-104	SC-SC/APC SM adapter with fixing screws, duplex, zirconia, green colour	20
8242	CMF-100	SC/APC universal mechanical connector, for 0.9-2-3 mm cables or 3x2 mm flat cable	1
8271	ADF-001	Kit 5 pcs. duplex SC/LC keystone adapters	1
8290	TA-001	Bag of 50 screws for attaching adapters ADF-102 and ADF-104	50

OUTLETS

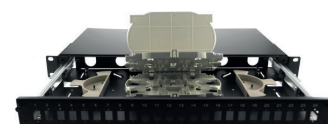
2582	ARTU-F01	SC/APC outlets with hinged dust cover	10
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RSE-006



CTO-048



PFO-124



FFO-024



ADF-103

CMF-100



ADF-001



ARTU-F01

RECEPTION

AMPLIFICATION

TRANSMODULATION
HEADED

PROCESSING HEADEND

ETHERNET OVER COAX

TRIAx CAST

MULTISWITCHES

DISTRIBUTION

OPTICAL FIBER

FC OPTICAL SYSTEM

NETWORK ACCESSORIES

RECEIVERS, MODULATORS,
FIELD METERS

09. NETWORK ACCESSORIES

DATA CABLE NETWORK

EURO

Ref.	Model	Description	Quant./Pack.	€/ Ud
UTP CABLES Cca EUROCLASS				
2497	CT6A-CUD	CAT6A UTP LSZH cable Cu conductor. White. CPR Cca Pull box packaging	305 m	
UTP CABLES Dca EUROCLASS				
2382	CT6-5CUD	CAT6 UTP LSZH cable Cu conductor. White. CPR Dca	500 m	
2496	CT6-CUD	CAT6 UTP LSZH cable Cu conductor. White. CPR Dca Pull box packaging	305 m	
2492	CT6-CAD	CAT6 UTP LSZH cable CCA conductor. White. CPR Dca Pull box packaging	305 m	
ACCESSORIES				
8249	PPU-024	24 Keystone ports empty panel with back frame	1	
8250	PPU-124	Integrated panel 24 RJ45 CAT6 UTP 180° back frame	1	
8299	CTR-146	Terminal socket phone-data. CAT6. 1 port with dust cover (includes keystone)	1	
8253	CHR-045	RJ45 Keystone female connector CAT6 UTP 90° Mounting without tools. White	1	
8254	CMP-045	RJ45 Keystone female connector CAT6 UTP 180° Mounting without tools. White	1	
8252	CMR-045	RJ45 male connector CAT6 UTP	100	

TELEPHONE NETWORK

Ref.	Model	Description	Quant./Pack.	€/ Ud
MULTIPLEXERS				
8263	MPP-102	1 input/8 outputs RJ45 UTP Cat6 shielded passive multiplexer	1	
CABLES				
8264	CPT-002N	Cable 2 pairs PE outdoor black. CPR Eca	250 m	
8022	CPT-002MD	Cable 2 pairs PVC indoor ivory. CPR Dca	500 m	
8021	CPT-025VD	Multi-cable 25 pairs indoor. LSZH. CPR Dca	* to cut	
8020	CPT-050VD	Multi-cable 50 pairs indoor. LSZH. CPR Dca	* to cut	
8200	CCM-001	* Cutting the cable by metres		
ACCESSORIES				
8255	RPT-005	Strip 5 pairs CAT3	1	
8256	RPT-010	Strip 10 pairs CAT3	10	
8257	SRT-005	Support 1 strip of 5 pairs for RPT-005	10	
8258	SRT-010	Support 1 strip of 10 pairs for RPT-010	10	
8259	SRT-100	Support for 10 strips of 10 pairs	1	
8260	CPT-100	Label holder 10 pairs	10	
8269	ART-100	Telephone distribution box. Support 10 strips of 10 pairs	1	
8270	PPU-048	48 Keystone ports empty panel with back frame	1	
8272	CFH-100	Kit of 5 pcs Keystone F-F female adapters + washers + F-F splicer connector	1	



CT6A-CUD
CT6-CUD/CAD



PPU-024



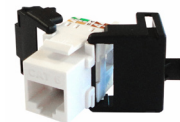
PPU-124



CTR-146



CHR-045



CMP-045



CMR-045



MPP-102



CPT-002N



CPT-002MD



CPT-025VD



CPT-050VD



RPT-005



RPT-010



ART-100



SRT-005

← End of stock

09. NETWORK ACCESSORIES

EURO

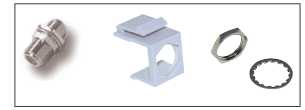
Ref.	Model	Description	Quant./Pack.	€ / Ud
8270	PPU-048	48 Keystone ports empty panel with back frame	1	
8272	CFH-100	Kit of 5 pcs Keystone F-F female adapters + washers + F-F splicer connector	1	

TOOLS AND ACCESSORIES

Ref.	Modelo	Descripción	Cant./Emb.	€ / Ud
8286	UCU-100	RJ11, RJ12, RJ45 Metal Crimping tool	1	
8288	PFI-103	Optical fibre stripper 3 stripping, sheathed, 900 um, 250 um	1	
8275	TCK-100	Ergonomic scissors for cutting kevlar	1	
8276	KIE-100	Fibre preparation kit splicing and connectorisation WITHOUT fibre cutter	1	
8277	KIE-101	Fibre preparation kit splicing and connectorisation WITH fibre cutter	1	
8278	CPF-100	Precision fibre optic cleaver	1	
8279	PFI-105	Optical fibre stripping machine for outer jacket Allows for circular, longitudinal and helical cutting	1	
8280	PEM-045	Fusion joint protector 45 mm long	12	
8281	EMF-125	Mechanical fibre optic splicer IL < 0.5 dB. 40x4x4 mm	12	



PPU-048



CFH-100



UCU-100

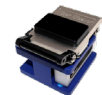
PFI-103

TCK-100



KIE-100

PFI-105



CPF-100



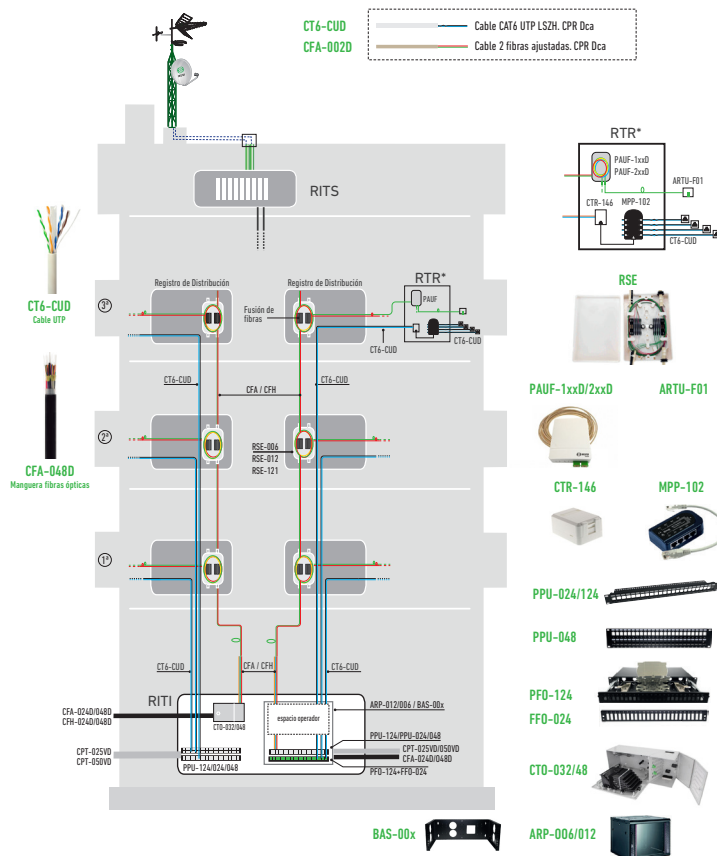
EMF-125

PEM-045

Installation example

TELEPHONY
OPTICAL FIBER

RITI TO RTR DISTANCE (PAU) < 90 mts
N° PAUs > 20



RECEPTION
AMPLIFICATION
TRANSMODULATION
HEADED
PROCESSING HEADEND
ETHERNET OVER COAX
TRIAx CAST
MULTISWITCHES
DISTRIBUTION
OPTICAL FIBER
FC OPTICAL SYSTEM
NETWORK ACCESSORIES
RECEIVERS, MODULATORS,
FIELD METERS

09. NETWORK ACCESSORIES

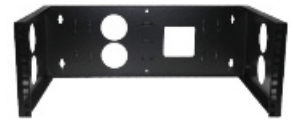
RACK CABINETS AND SUPPORTS

EURO

Ref.	Model	Description	Quant./Pack	€ / Ud
RACK CABINETS				
8228	ARP-006	Rack cabinets 19" 6U 600x600x370 mm Glass door. Mounted	1	
8229	ARP-012	Rack cabinets 19" 12U 600x600x635 mm Glass door. Mounted	1	
SUPPORTS AND PANNELS				
8226	BAS-004	Rack support 19" 4U 500x250x178 mm, wall fixing	1	
8244	PCR-001	Blind panel for rack cabinet	1	
8245	PPR-001	Cable entry panel for rack cabinet	1	



ARP



BAS

10. MODULATORS DIGITAL AND ANALOGIC

STAND ALONE MODULATORS

Ref.	Model	Description	Quant./Pack.	€ / Ud
HD DIGITAL MODULATORS				
3032	MOD-203	Modulator HDMI→COFDM Loop Through HDMI.	1	
ANALOGUE MODULATORS				
3031	MAW-201	Stand-alone analogue TV multi-standard VHF/UHF modulator	1	



MAW-201



The first TV Smart Headend

- License Free
- Internal satellite and terrestrial multiswitch included. Easy remote operation, no cabling needed
- Easy set up and commissioning, fastest in the market
- Programming and control through LAN or WiFi
- High output density. More than 24 multiplexes in one rack
- Add new services without re-scanning TV sets
- Dual CI modules for descrambling. IP pool technology
- Internal 2x1Gb IPTV output ports. No additional hardware is needed
- Demultiplexing MPTS to SPTS



- High input density. Up to 40 transponders/multiplexes in one rack
- Advanced audio languages management
- Internal DRM, compatible with the leading encryption systems on the market
- Noiseless fan. Auto speed regulation and fully hot-swappable
- Optimal bandwidth management
- Optional redundancy for all modules
- IP Device Manager Software, compatible with Samsung/LG/Philips TVs directly. Others through STB
- Spare IN/OUT/SEC modules management. The whole configuration is transferred automatically to the new module