

# General Catalogue

## 03/2021



**Jolly** line<sup>®</sup>  
by Kon.El.Co.

<b>2</b>	<b>REMOTE CONTROLS</b>
3	REMOTE CONTROLS COMPARATIVE TABLE
4	READY TO USE REMOTE CONTROLS
8	SIMPLIFIED UNIVERSAL REMOTE CONTROL
9	UNIVERSAL REMOTE CONTROLS
11	AIR CONDITIONER UNIVERSAL REMOTE CONTROLS
12	DUAL SYSTEM PROGRAMMING REMOTE CONTROLS
13	SPECILA FOR HOTEL PC-PROGRAMMABLE REMOTE CONTROLS
<b>14</b>	<b>RADIO REMOTE CONTROLS</b>
15	RADIO REMOTE CONTROLS COMPARATIVE TABLE
16	"BLACK" RADIO REMOTES AND RECEIVERS
18	"STANDARD" RADIO REMOTES AND RECEIVERS
<b>20</b>	<b>BRACKETS</b>
21	BRACKETS COMPARATIVE TABLE
22	FLAT-TV WALL MOUNTS
26	RESIDENTIAL FLAT-TV MOUNTS
28	OFFICE FLAT-TV MOUNTS
29	SOUNDBAR MOUNTS
29	VOCAL ASSISTANCE MOUNTS
29	DVD / DECODER MOUNTS
30	AUDIO SPEAKER MOUNTS
30	CABLE MANAGEMENT
<b>31</b>	<b>ELECTRONIC</b>
32	INDOOR / OUTDOOR AMPLIFIED ANTENNAS
33	COAXIAL CABLES
34	SPECIAL SWITCH-OFF
37	DVB-T2 DECODERS
38	AUDIO / VIDEO MODULATORS
39	TOOLS FOR INSTALLING ANTENNAS / PARABLES / CAMERAS
40	SAT - LNB
41	ANTENNAS COMPARATIVE TABLE
42	VHF ANTENNAS
43	LOG ANTENNAS
44	UHF ANTENNAS
45	MIXER, SPLITTERS AND TAPS COMPARATIVE TABLE
46	DIY KIT (POWER SUPPLY + AMPLIFIER)
46	LTE FILTER
47	MAST MIXERS
48	MAST SPLITTERS
49	SYSTEM EXAMPLE (4-FLOOR BUILDING - 8 APARTMENTS)
50	VERTICAL SPLITTERS
51	VERTICAL TAPS
52	BUILT-IN SPLITTERS
54	WALL SPLITTERS
56	POWER SUPPLY AND AMPLIFIERS COMPARATIVE TABLE
57	INDOOR POWER SUPPLY
58	INDOOR AMPLIFIERS
59	"AV" AMPLIFIERS
60	"LOG" AMPLIFIERS
62	"NSR" AMPLIFIERS
64	"CST" MAST MINI-HEADENDS
65	"CBX" WALL-MOUNTED HEADENDS
66	BLISTER ELECTRONIC ITEMS



Plastic Free Pack

# Ecologically Correct

All the packaging of our remote controls are realized without using plastic (Plastic Free) in order to respect the environment that surrounds us.



## REMOTE CONTROLS COMPARATIVE TABLE

Code	Model	N° Device	TV	DTT SAT	DVD Hi-Fi	Keys	Compatible Brands	Type of programming
1705	REPLACEMENT FOR TOSHIBA	1				Complete, symbols as original	TV Toshiba	Ready to use
1706	REPLACEMENT FOR SHARP	1				Complete, symbols as original	TV Sharp	Ready to use
1707	REPLACEMENT FOR THOMSON & TCL	1				Complete, symbols as original	TV Thomson & Tcl	Ready to use
1708	REPLACEMENT MULTI BRAND	1				Complete, symbols as original	MultiBrand	Ready to use
1709	REPLACEMENT FOR SKY	1				Complete, symbols as original	SKY decoder	Ready to use
1716	REPLACEMENT FOR SAMSUNG	1				Complete, symbols as original	TV Samsung	Ready to use
1717	REPLACEMENT FOR SONY	1				Complete, symbols as original	TV Sony	Ready to use
1718	REPLACEMENT FOR LG	1				Complete, symbols as original	TV LG	Ready to use
1719	REPLACEMENT FOR PHILIPS	1				Complete, symbols as original	TV PHILIPS	Ready to use
1720	REPLACEMENT FOR HISENSE	1				Complete, symbols as original	TV HISENSE	Ready to use
1721	REPLACEMENT FOR TELEFUNKEN, VESTEL E BEKO	1				Complete, symbols as original	TV TELEFUNKEN, VESTEL and BEKO	Ready to use
1722	REPLACEMENT FOR PANASONIC	1				Complete, symbols as original	TV PANASONIC	Ready to use
1727	REPLACEMENT FOR GRUNDIG	1				Complete, symbols as original	TV Grundig	Ready to use
1728	REPLACEMENT FOR F&U	1				Complete, symbols as original	TV F&U	Ready to use
1729	REPLACEMENT FOR COSMOTE TV & NOVA	1				Complete, symbols as original	Decoder Cosmote TV & Nova	Ready to use
1713	READY 5	1				Complete, symbols as original	TV SAMSUNG, LG, SONY, PHILIPS and PANASONIC	Ready to use
1770	MADEFORYOU 2:1 ELEGANT	2				Complete functions	All brands	Dual System Programming
1771	MADEFORYOU 4:1 ELEGANT	4				Complete functions	All brands	Dual System Programming
3082	MADEFORYOU 2:1 7001 BLACK	2				Complete functions	All brands	Dual System Programming
3084	MADEFORYOU 4:1 7001 BLACK	4				Complete functions	All brands	Dual System Programming
3090	XDOME 2:1	2				Complete functions	All brands	Dual System Programming
3091	XDOME 4:1	4				Complete functions	All brands	Dual System Programming
3074	MADEFORYOU EASY WEB	2				Main functions TV + DTT (Menu)	All brands	Dual System Programming
3089	HOTEL EASY	2				Customizable	All brands	Through PC
1730	UNIVERSAL EASY	1				Essential TV functions	All brands	Direct code insert Automatic search Manual search
1731	UNIVERSAL SIMPLY	1				Main TV functions	All brands	Direct code insert Automatic search Manual search
1732	STREAM PLAY	3				Main functions for Smart playback	All brands	Search by brand Entry by code Automatic Search Learning from the original Macros for App keys
1734	UNIVERSAL FOR DIGIQUEST	1				Complete, symbols as original	Digiquest decoder	Manual Search and Automatic Search. Learning for TV functions.
1735	UNIVERSAL FOR I-CAN	1				Complete, symbols as original	i-Can decoder	Manual Search and Automatic Search. Learning for TV functions.
1701	UNIVERSAL TV ELEGANT	2		Pay TV		Complete functions	All brands	Direct code insert Automatic search Manual search Learning from original
1703	UNIVERSAL 3 ELEGANT	3				Complete functions	All brands	Direct code insert Automatic search Manual search Learning from original
1704	UNIVERSAL DECODER	2				Complete decoder functions + Essential TV functions	All brands	Direct code insert Automatic search Manual search Learning from original
1902	UNIVERSAL EASY DIGITAL PLUS	2				Main functions TV + DTT (Menu)	All brands	Direct insert code Automatic search
3088	UNIVERSAL 4 WEB	4				Complete functions	All brands	Dual System Programming

Code	Model	N° Device	AIR COND.	Keys	Compatible Brands	Type of programming	App	Connection	Backlight	Plus
42533	UNIVERSAL AIR	1		Modo, Ventola, Swing e Dir	Tutte le marche	Ricerca per marca Inserimento codice Ricerca Automatica Ricerca Manuale	-	-	Display	Fluorescent buttons
42534	UNIVERSAL AIR PLUS	1		Modo, Ventola, Swing, Dir e Timer	Tutte le marche	Ricerca per marca Inserimento codice Ricerca Automatica Ricerca Manuale	-	-	Display	Fluorescent buttons
42535	UNIVERSAL AIR WIFI	1		Modo, Ventola, Swing, Dir e Timer	Tutte le marche	Ricerca per marca Inserimento codice Ricerca Automatica Ricerca Manuale	iOS e Android	through WiFi	Display and Keys	Fluorescent buttons and rechargeable battery

**1705 REPLACEMENT FOR TOSHIBA**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV TOSHIBA

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Toshiba models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1706 REPLACEMENT FOR SHARP**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV SHARP

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Sharp models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement

**Other** bluetooth models not included



**1707 REPLACEMENT FOR THOMSON & TCL**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV THOMSON & TCL

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Thomson & Tcl models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1708 REPLACEMENT MULTI BRAND**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV MultiBrand

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** It works with all MultiBrand models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1709 REPLACEMENT FOR SKY**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** SKY (Sky Q black edition, mySky HD, mySky, Sky HD and Sky box SD)

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all SKY (Sky Q black edition, mySky HD, mySky, Sky HD and Sky box SD) models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



8 028626 017099

**1716 REPLACEMENT FOR SAMSUNG**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV SAMSUNG

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Samsung models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



8 028626 017167

**1717 REPLACEMENT FOR SONY**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV SONY

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Sony models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



8 028626 017174

**1718 REPLACEMENT FOR LG**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV LG

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all LG models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



8 028626 017181

**1719 REPLACEMENT FOR PHILIPS**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

Number of devices 1

Controllable devices TV PHILIPS

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands Compatible with all Philips models

Type of programming No need of programming. You only have to insert batteries and it is ready to be used.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



**1720 REPLACEMENT FOR HISENSE**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

Number of devices 1

Controllable devices TV HISENSE

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands Compatible with all HISENSE models

Type of programming No need of programming. You only have to insert batteries and it is ready to be used.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



**1721 REPLACEMENT FOR TELEFUNKEN, VESTEL E BEKO**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

Number of devices 1

Controllable devices TELEFUNKEN, VESTEL and BEKO TV's

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands It works with all TELEFUNKEN, VESTEL and BEKO models

Type of programming No need of programming. You only have to insert batteries and it is ready to be used.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



**1722 REPLACEMENT FOR PANASONIC**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

Number of devices 1

Controllable devices TV PANASONIC

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands Compatible with all Panasonic models

Type of programming No need of programming. You only have to insert batteries and it is ready to be used.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



**1727 REPLACEMENT FOR GRUNDIG**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV GRUNDIG

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Grundig models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1728 REPLACEMENT FOR F&U**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** TV F&U

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all F&U models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1729 REPLACEMENT FOR COSMOTE TV & NOVA**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** Cosmote TV & Nova

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all Cosmote TV & Nova models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



**1713 READY 5**



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1

**Controllable devices** SAMSUNG, LG, SONY, PHILIPS and PANASONIC TV's

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** It works with all SAMSUNG, LG, SONY, PHILIPS and PANASONIC models

**Type of programming** No need of programming. You only have to insert batteries and it is ready to be used.

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement





## 1730 UNIVERSAL EASY



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1  
**Controllable devices** TV  
**Controls** Essential TV functions  
**Functions** AV, Volume, Teletext, Program  
**Brands** Compatible with all brands  
**Type of programming** Direct code insert  
Automatic search  
Manual search  
**batteries** 2x 1,5 V - AAA (not included)  
**Code stored** does not lose memory during battery replacement



## 1731 UNIVERSAL SIMPLY



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 1  
**Controllable devices** TV  
**Controls** Main TV functions  
**Functions** AV, Volume, Teletext, Program  
**Brands** Compatible with all brands  
**Type of programming** Direct code insert  
Automatic search  
Manual search  
**batteries** 2x 1,5 V - AAA (not included)  
**Code stored** does not lose memory during battery replacement



## 1732 STREAM PLAY



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 3  
**Controllable devices** TV + Stream + Audio  
**Controls** Main functions for Smart playback  
**Functions** Menu, AV, Video playback, favorite apps  
**Brands** Compatible with all brands  
**Type of programming** Search by brand  
Entry by code  
Automatic Search  
Learning from the original  
Macros for App keys  
**batteries** 2x 1,5 V - AAA (not included)  
**Code stored** does not lose memory during battery replacement



## 1902 UNIVERSAL EASY DIGITAL PLUS



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 2  
**Controllable devices** DTT + TV  
**Controls** TV + DTT main functions (DTT menu)  
**Functions** AV, Volume, Teletext, Program  
**Brands** Compatible with all brands  
**Type of programming** Direct insert code  
Automatic search  
**batteries** 2x 1,5 V - AAA (not included)  
**Code stored** does not lose memory during battery replacement



## 1701 UNIVERSAL TV ELEGANT



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 2

**Controllable devices** TV, Pay Tv

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** Direct code insert  
Automatic search  
Manual search  
Learning from original

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



## 1703 UNIVERSAL 3 ELEGANT



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 3

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI-FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** Direct code insert  
Automatic search  
Manual search  
Learning from original

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



## 3088 UNIVERSAL 4 WEB



packaging dimensions 10 x 28 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 4

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**app** for iOS and Android

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming** System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



## 1704 UNIVERSAL DECODER



packaging dimensions 12 x 30 x 3 cm  
master carton packaging 30 pcs

**Number of devices** 2

**Controllable devices**

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** Direct code insert  
Automatic search  
Manual search  
Learning from original

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



1734 UNIVERSAL FOR DIGIQUEST



packaging dimensions 12 x 30 x 3 cm  
master carton packaging 50 pcs

Number of devices 1

Controllable devices Digiquest decoder

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands Compatible with all Digiquest models

Type of programming Manual Search and Automatic Search.  
Learning for TV functions.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



8 023389 750344

1735 UNIVERSAL FOR i-CAN



packaging dimensions 12 x 30 x 3 cm  
master carton packaging 50 pcs

Number of devices 1

Controllable devices i-Can decoder

Controls Controls all functions

Functions Menu, AV, Teletext, Color

Brands Compatible with all i-Can models

Type of programming Manual Search and Automatic Search.  
Learning for TV functions.

batteries 2x 1,5 V - AAA (not included)

Code stored does not lose memory during battery replacement



8 023389 750351

## 42533 UNIVERSAL AIR



packaging dimensions 9 x 20 x 3 cm  
master carton packaging 100 pcs

**Number of devices** 1

**Controllable devices** Air  
Conditioner

**Controls** Controls all  
functions

**Functions** Mode, Fan, Swing,  
Dir

**Brands** Compatible with all  
brands

**Type of programming**  
Immediate search by brand  
Direct insertion of the code  
Automatic search  
Manual search

**batteries** 2x 1,5 V - AAA (not  
included)

**Code stored** does not lose  
memory during battery  
replacement

**Other** backlighted display  
and fluorescent main keys in  
the darkness



8 028626 425337

## 42534 UNIVERSAL AIR PLUS



packaging dimensions 9 x 20 x 3 cm  
master carton packaging 100 pcs

**Number of devices** 1

**Controllable devices** Air  
Conditioner

**Controls** Controls all  
functions

**Functions** Mode, Fan, Swing,  
Dir, Timer

**Brands** Compatible with all  
brands

**Type of programming**  
Immediate search by brand  
Direct insertion of the code  
Automatic search  
Manual search

**batteries** 2x 1,5 V - AAA (not  
included)

**Code stored** does not lose  
memory during battery  
replacement

**Other** Large backlighted  
display and fluorescent main  
keys in the darkness



8 028626 425344

## 42535 UNIVERSAL AIR WIFI



packaging dimensions 19 x 20 x 5 cm  
master carton packaging 24 pcs

**Number of devices** 1

**Controllable devices** Air  
Conditioner

**manageable** from app for  
mobile phones even from  
outdoors

**app** available for iOS and  
Android

**connection** through WiFi

**Controls** Controls all  
functions

**Functions** Mode, Fan, Swing,  
Dir

**Brands** Compatible with all  
brands

**Type of programming**  
Immediate search by brand  
Direct insertion of the code  
Automatic search  
Manual search

**batteries** rechargeable Li-ion  
3,7V 500mAh (included)

**Code stored** does not lose  
memory during battery  
replacement

**Other** Large backlighted  
display, fluorescent main  
keys in the darkness and  
backlighted keyboard



8 028626 425351

## 1770 MADEFORYOU 2:1 ELEGANT



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 2

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming**

System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



## 1771 MADEFORYOU 4:1 ELEGANT



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 4

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming**

System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



## 3082 MADEFORYOU 2:1 SERIE 7001 BLACK



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 2

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming**

System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



## 3084 MADEFORYOU 4:1 SERIE 7001 BLACK



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 4

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming**

System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



# DUAL SYSTEM PROGRAMMING REMOTE CONTROLS AND SPECIAL FOR HOTEL PC-PROGRAMMABLE REMOTE CONTROLS

## 3090 XDOME 2:1



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 2

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming** System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



8 028626 030906

## 3091 XDOME 4:1



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 4

**Controllable devices** TV, SAT, Pay TV, DTT, DVD, VCR, HI FI, PS2, Xbox

**Controls** Controls all functions

**Functions** Menu, AV, Teletext, Color

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming** System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



8 028626 030913

## 3074 MADEFORYOU EASY WEB



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 2

**Controllable devices** DTT + TV

**Controls** TV + DTT main functions (DTT menu)

**Functions** AV, Volume, Teletext, Program

**Brands** Compatible with all brands

**Type of programming** dual system programming

**batteries** 2x 1,5 V - AAA (not included)

**dual system programming** System to program using both the IR programmer and a 3,5mm Jack audio cable through the audio output of the PC or any device equipped with a 3,5mm headphones output, excluding any incompatibility from the OS used (Windows, Osx, Linux)

**Code stored** does not lose memory during battery replacement



8 028626 030746

## 3089 HOTEL EASY



packaging dimensions 6 x 26 x 3 cm  
master carton packaging 50 pcs

**Number of devices** 2

**Controllable devices** TV, DTT

**Controls** Customizable

**Functions** Main functions including direction arrows, teletext and colored buttons

**Brands** Compatible with all brands

**Type of programming** Via PC

**batteries** 2x 1,5 V - AAA (not included)

**Code stored** does not lose memory during battery replacement



8 028626 030890



# Radio remotes & Radio receivers

## RADIO REMOTE CONTROLS

Code	Model	Frequency	Coding	Number of channels	Programming
2161	BLACK ONE	multifrequency	Rolling Code and Fix	4 (con possibilità di memorizzare 4 frequenze diverse)	Auto-learning
2162	BLACK 2	433,92 MHz	Fix	2	Auto-learning
2163	BLACK 4	433,92 MHz	Fix	4	Auto-learning
2205	FUNNY 2	433,92 MHz	Fix	2	Auto-learning
2167	SUN VISOR 3	multifrequency	Fix	3	Auto-learning
2168	CAR LIGHTER 4	multifrequency	Fix	4	Auto-learning
2137	NEW JOLLY OPEN 2	433,92 MHz	Fix	2	Auto-learning
2157	NEW JOLLY OPEN 4	433,92 MHz	Fix	4	Auto-learning

## KIT RICEIVER + RADIO REMOTE CONTROLS

Code	Model	Frequency	Coding	Number of channels	IP protection	Programming	Power supply
2164	BLACK INDOOR	433,92 MHz	Fix	2 configurables: monostable/bistable	IP 20 indoor	Auto-learning	12 Vdc - 24 Vac
2165	BLACK OUTDOOR	433,92 MHz	Fix	2 configurables: monostable/bistable	IP 55 outdoor	Auto-learning	12 Vdc - 24 Vac
2166	BLACK EASY LIGHT	433,92 MHz	Fix	2 configurables: bistable/timer	IP 55 outdoor	Auto-learning	220/230 Vac
2171	KIT1-INDOOR RECEIVER	433,92 MHz	Fix	2 configurables: monostable/bistable	IP 20 indoor	Auto-learning	12 Vdc - 24 Vac
2172	KIT2-OUTDOOR RECEIVER	433,92 MHz	Fix	2 configurables: monostable/bistable	IP 55 outdoor	Auto-learning	12 Vdc - 24 Vac
2173	GARDEN EASY LIGHT	433,92 MHz	Fix	2 configurables: bistable/timer	IP 55 outdoor	Auto-learning	220/230 Vac



# BLACK SERIES RADIO REMOTES AND RECEIVERS



cod. 2161  
BLACK ONE

Compatible  
Rolling code  
brands

YouTube



programming tutorials  
available on our channel.  
Sign up to stay up to date.

www.rfblackone.it

ALSO remote learning without  
direct intervention on  
the control unit

ACM		CLEMSA		GIBIDI		MONSEIGNEUR		QUASAR	
ADYX	ALSO	CPS		GULLIVER		MOOVO	ALSO	RIB	
AERF		DASPI	ALSO	HORMANN		MOTOR LIFT		ROPER	
ALLMATIC	ALSO	DEA SYSTEM		JAY		NICE	ALSO	SABUTOM	
APERIO		DELMA		JCM		NOLOGO		SEA	
APERTO		DICKERT		KBLUE		NORMSTAHL		SEAV	
APRIMATIC	ALSO	DITEC	ALSO	KEY		NORTON		SECULUX	
ATA		DOITRAND		KING GATES		NOVOFERM		SECURVERA	
AVIDSEN		DOORHAN		KLING		NOVOTECNICA	ALSO	SERAI	
BALLAN		DOORMATIC		LABEL		O&O	ALSO	SILVELOX	
BENINCA		DUCATI		LEB		OG		SIMINOR	
BESIDE		ECOSTAR		LIFE		OPENOUT		SOMFY	
BFT	ALSO	ELBE		LIFT MASTER		PECCININ		SOMMER	
CAME		ELCA		LINCE		PORTAMATIC		STAGNOLI	
CARDIN	ALSO	ERREKA		LINEAR		PRASTEL	ALSO	TAU	ALSO
CASALI		FAAC		MA		PROEM		TELCOMA	
CASIT		FADINI	ALSO	MARANTEC		PROGET		TOR LIFT	
CELISA		FERPORT		MERLIN		PROLIFT		V2	ALSO
CENTURION		GENIE	ALSO	MERLIN2.0		PROTECO		VDS	ALSO
CHAMBERLAIN		GENIUS	ALSO	MHOUSE	ALSO	PUJOL	ALSO	VRAWFORD	

products intended for the aftermarket

## 2161 BLACK ONE



packaging dimensions 5 x 12 x 2 cm  
master carton packaging 200 pcs

Frequency Multifrequency

Type of coding Rolling Code and Fix Code

Number of channels 4 (up to 4 different frequencies storable)

Use Gates, shutters, boxes, lighting, irrigation

programming Self-learning

batteries 3 V - CR2032 (included)



8 028626 021614

## 2162 BLACK 2



packaging dimensions 5 x 12 x 2 cm  
master carton packaging 200 pcs

Frequency 433,92 MHz

Type of coding Fixed

Number of channels 2

Use Gates, shutters, boxes, lighting, irrigation

programming Self-learning

batteries 2x 3 V - CR2016 (included)



8 028626 021621

## 2163 BLACK 4



packaging dimensions 5 x 12 x 2 cm  
master carton packaging 200 pcs

Frequency 433,92 MHz

Type of coding Fixed

Number of channels 4

Use Gates, shutters, boxes, lighting, irrigation

programming Self-learning

batteries 2x 3 V - CR2016 (included)



8 028626 021638



**2164 BLACK INDOOR**



packaging dimensions 13 x 22 x 4 cm  
master carton packaging 50 pcs

**Frequency** 433,92 MHz

**Type of coding** Fixed

**Number of channels** 2  
configurables: monostable/  
bistable

**Installation** Indoor

**Use** Gates, shutters, boxes,  
lighting, irrigation

**programming** Self-learning

**Relay** 12A - 14Vdc - 7A -  
120Vac

**Memorised codes** 140

**Power supply** 12Vdc - 24Vac

**batteries** 2x 3 V - CR2016  
(included)

**Degree of protection** IP 20

**Operating temperature**  
-20/+50 °C



8 028626 021645

**2165 BLACK OUTDOOR**



packaging dimensions 13 x 28 x 4 cm  
master carton packaging 50 pcs

**Frequency** 433,92 MHz

**Type of coding** Fixed

**Number of channels** 2  
configurables: monostable/  
bistable

**Installation** Outdoor

**Use** Gates, shutters, boxes,  
lighting, irrigation

**programming** Self-learning

**Relay** 12A - 14Vdc - 7A -  
120Vac

**Memorised codes** 140

**Power supply** 12Vdc - 24Vac

**batteries** 2x 3 V - CR2016  
(included)

**Degree of protection** IP 55

**Operating temperature**  
-20/+50 °C



8 028626 021652

**2166 BLACK EASY LIGHT**



packaging dimensions 15 x 25 x 7 cm  
master carton packaging 25 pcs

**Frequency** 433,92 MHz

**Type of coding** Fixed

**Number of channels** 2  
configurables: bistable/timer

**Installation** Outdoor

**Use** Outdoor lighting

**programming** Self-learning

**Relay** 16 A - 250 Vac

**Memorised codes** 128

**Total max load** 1000 W

**Power supply** 220/230 Vac -  
50/60 Hz

**batteries** 2x 3 V - CR2016  
(included)

**Degree of protection** IP 55

**Operating temperature**  
-20/+55 °C



8 028626 021669

## 2205 FUNNY 2



packaging dimensions 5 x 8 x 2 cm  
master carton packaging 100 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 2  
**Use** Gates, shutters, boxes, lighting, irrigation  
**programming** Self-learning  
**batteries** 2x 3 V - CR2016 (included)



## 2167 SUN VISOR 3



packaging dimensions 7 x 11 x 3 cm  
master carton packaging 20 pcs

**Frequency** Multifrequency  
**Type of coding** Fixed  
**Number of channels** 3  
**Use** Gates, shutters, boxes, lighting, irrigation  
**programming** Self-learning  
**batteries** 2x 3 V - CR2016 (included)



## 2168 CAR LIGHTER 4



packaging dimensions 5 x 10 x 5 cm  
master carton packaging 20 pcs

**Frequency** Multifrequency  
**Type of coding** Fixed  
**Number of channels** 4  
**USB output** 5V - 2.4A  
**Use** Gates, shutters, boxes, lighting, irrigation  
**programming** Self-learning  
**Power supply** 12/24 Vdc (2.2 A)



## 2173 GARDEN EASY LIGHT



packaging dimensions 15 x 25 x 7 cm  
master carton packaging 16 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 2  
**configurables:** bistable/timer  
**Installation** Outdoor  
**Use** Outdoor lighting  
**programming** Self-learning  
**Relay** 16 A - 250 Vac  
**Memorised codes** 128  
**Total max load** 1000 W  
**Power supply** 220/230 Vac - 50/60 Hz  
**batteries** 12 V - 27A (included)  
**Degree of protection** IP 55  
**Operating temperature** -20/+55 °C



## 2171 KIT1-INDOOR RECEIVER



packaging dimensions 13 x 22 x 4 cm  
master carton packaging 42 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 2  
configurables: monostable/  
bistable  
**Installation** Indoor  
**Use** Gates, shutters, boxes,  
lighting, irrigation  
**programming** Self-learning  
**Relay** 12A - 14Vdc - 7A -  
120Vac  
**Memorised codes** 140  
**Power supply** 12Vdc - 24Vac

**batteries** 12 V - 27A  
(included)  
**Degree of protection** IP 20  
**Operating temperature**  
-20/+50 °C



## 2172 KIT2-OUTDOOR RECEIVER



packaging dimensions 13 x 28 x 4 cm  
master carton packaging 27 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 2  
configurables: monostable/  
bistable  
**Installation** Outdoor  
**Use** Gates, shutters, boxes,  
lighting, irrigation  
**programming** Self-learning  
**Relay** 12A - 14Vdc - 7A -  
120Vac  
**Memorised codes** 140  
**Power supply** 12Vdc - 24Vac

**batteries** 12 V - 27A  
(included)  
**Degree of protection** IP 55  
**Operating temperature**  
-20/+50 °C



## 2137 NEW JOLLY OPEN 2



packaging dimensions 8 x 15 x 3 cm  
master carton packaging 180 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 2  
**Use** Gates, shutters, boxes, lighting, irrigation  
**programming** Self-learning  
**batteries** 12 V - 27A (included)



## 2157 NEW JOLLY OPEN 4



packaging dimensions 8 x 15 x 3 cm  
master carton packaging 180 pcs

**Frequency** 433,92 MHz  
**Type of coding** Fixed  
**Number of channels** 4  
**Use** Gates, shutters, boxes, lighting, irrigation  
**programming** Self-learning  
**batteries** 12 V - 27A (included)



# Universal Brackets



**Wall/Ceiling brackets for FLAT-TV**

Code	Model	Dimensions / Inches TV										VESA								Kg	Distance from wall	Swivel Arms	Tilt Rotat.	Plus		
		10	23	32	37	40	42	55	70	80	75	100	200	200	300	300	400	400	400						600	400
41828	ELB-1737 SLIM	17			37																	25	13 mm	-	-	safety screws
41861	ELB-1023/1	10	23																			15	75 mm	1	±15° ±25°	
41862	ELB-1023/2	10	23																			15	65 mm 250 mm	2 1	±15° ±90°	
41863	ELB-1023/3	10	23																			15	67 mm 365 mm	3 2	±15° ±90°	
41858	ELB-2342/1		23				42															15	65 mm	1	±15° ±25°	
41859	ELB-2342/2		23				42															15	65 mm 250 mm	2 1	±15° ±90°	
41860	ELB-2342/3		23				42															15	67 mm 370 mm	3 2	±15° ±90°	
41865	ELB-2342/3 MAX		23				42															20	65 mm 390 mm	3 2	+20° ±90°	
41851	ELB-2355/FIX		23					55														45	10 mm	-	-	safety lock
41850	ELB-3280/FIX			32					80													50	10 mm	-	-	safety lock
41807	ELB-2355/TILT		23					55														40	45 mm	-	-5° +10°	safety lock
41808	ELB-3280/TILT			32					80													40	45 mm	-	-5° +10°	safety lock
41802	ELB-2642		26				42															30	46 mm 531 mm	3 2	-2° +12° ±90	
41803	ELB-4080				40				80													50	53 mm 496 mm	3 pant	-2° +12° ±90°	
41804	ELB-3070			30					70													50	70 mm 470 mm	3 2	±15° ±90°	
41747	TCM-3255			32				55														50	560 mm 910 mm	1 2	-25° ±90°	ceiling mount
41891	AWM-2342/2		23				42															25	48 mm 213 mm	2 1	-12° +8° ±90°	alluminium
41892	AWM-2342/3		23				42															30	48 mm 410 mm	3 2	-12° 8° ±90°	alluminium
41893	AWM-2355/2		23					55														30	55 mm 216 mm	2 1	-12° 8° ±90°	alluminium
41894	AWM-2355/3		23					55														30	48 mm 410 mm	3 2	-12° 8° ±90°	alluminium
41895	AWM-2355/3 PLUS		23					55														35	48 mm 514 mm	3 2	-12° 8° ±90°	alluminium
41896	EWM-3270			32					70													45	80 mm 520 mm	3 pant	-10° 5° ±60°	magnetic lock
41897	EWM-3780				37				80													45	80 mm 520 mm	3 pant	-10° 5° ±60°	magnetic lock

**Table/Floor brackets for FLAT-TV**

Code	Model	Dimensions / Inches TV								VESA								Kg	Height	Tilt	Plus				
		10	23	32	37	42	70	80	75	100	200	200	300	300	400	400	400					600	800		
41880	PRO-3270			32			70															50	595 mm 735 mm	-6° 0° +6°	
41881	PRO-2347		23			47																40	459 mm 600 mm	-	glass shelf
41882	PRO-3770				37		70															40	1555 mm 1715 mm	±10°	with 4-wheel trolley

41828 **ELB-1737 SLIM**



packaging dimensions 24 x 23 x 3 cm  
master carton packaging 6 pcs

**VESA** 75x75, 100x100, 200x100, 200x200

**Weight** 25 Kg

**Dimensions** 17" - 37"

**Distance from wall** 13 mm

**Level** Built in

**Other** Security screws



41861 **ELB-1023/1**



packaging dimensions 17 x 12 x 8 cm  
master carton packaging 10 pcs

**VESA** 75x75, 100x100

**Weight** 15 Kg

**swivel** 1

**Dimensions** 10"-23"

**Distance from wall** 75 mm

**pitching** +50°

**Tilt** ±15°

**Level** Built in



41862 **ELB-1023/2**



packaging dimensions 28 x 18 x 8 cm  
master carton packaging 10 pcs

**VESA** 75x75, 100x100

**Weight** 15 Kg

**swivel** 2

**Arms** 1

**Dimensions** 10"-23"

**Distance from wall** 65 mm  
250 mm

**pitching** ±90°

**Tilt** ±15°

**Level** Built in



41863 **ELB-1023/3**



packaging dimensions 24 x 17 x 8 cm  
master carton packaging 10 pcs

**VESA** 75x75, 100x100

**Weight** 15 Kg

**swivel** 3

**Arms** 2

**Dimensions** 10"-23"

**Distance from wall** 67 mm  
365 mm

**pitching** ±90°

**Tilt** ±15°

**Level** Built in



41858 ELB-2342/1



packaging dimensions 23 x 23 x 7 cm  
master carton packaging 10 pcs

VESA 75x75, 100x100, 200x100, 200x200

Weight 15 Kg

swivel 1

Dimensions 23"-42"

Distance from wall 65 mm

pivoting +50°

Tilt ±15°

Level Built in



41859 ELB-2342/2



packaging dimensions 29 x 23 x 7 cm  
master carton packaging 10 pcs

VESA 75x75, 100x100, 200x100, 200x200

Weight 15 Kg

swivel 2

Arms 1

Dimensions 23"-42"

Distance from wall 65 mm  
250 mm

pivoting ±90°

Tilt ±15°

Level Built in



41860 ELB-2342/3



packaging dimensions 27 x 25 x 7 cm  
master carton packaging 10 pcs

VESA 75x75, 100x100, 200x100, 200x200

Weight 15 Kg

swivel 3

Arms 2

Dimensions 23"-42"

Distance from wall 67 mm  
370 mm

pivoting ±90°

Tilt ±15°

Level Built in



41865 ELB-2342/3 MAX



packaging dimensions 33 x 25 x 7 cm  
master carton packaging 10 pcs

VESA 75x75, 100x100, 200x100, 200x200, 300x200,  
300x300, 400x200, 400x300, 400x400

Weight 20 Kg

swivel 3

Arms 2

Dimensions 23"-42"

Distance from wall 65 mm  
390 mm

pivoting ±90°

Tilt +20°

Level Included





**41851 ELB-2355/FIX**



packaging dimensions 51 x 12 x 5 cm  
master carton packaging 10 pcs

**VESA** Fino a 400x400  
**Weight** 45 Kg  
**Dimensions** 23"-55"  
**Distance from wall** 10 mm  
**Level** Included  
**Other** Safety block



**41850 ELB-3280/FIX**

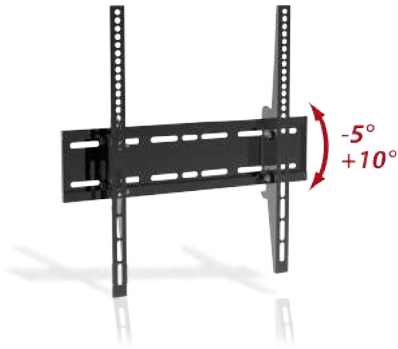


packaging dimensions 71 x 12 x 4 cm  
master carton packaging 10 pcs

**VESA** Fino a 600x400  
**Weight** 50 Kg  
**Dimensions** 32"-80"  
**Distance from wall** 10 mm  
**Level** Included  
**Other** Safety block



**41807 ELB-2355/TILT**

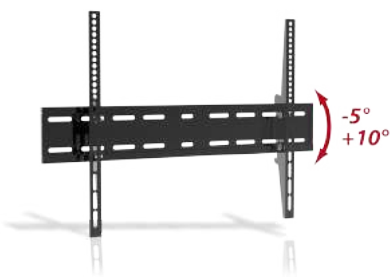


packaging dimensions 46 x 12 x 5 cm  
master carton packaging 10 pcs

**VESA** Fino a 400x400  
**Weight** 40 Kg  
**Dimensions** 23"-55"  
**Distance from wall** 45 mm  
**Tilt** -5° +10°  
**Level** Included  
**Other** Safety block



**41808 ELB-3280/TILT**



packaging dimensions 65 x 12 x 5 cm  
master carton packaging 8 pcs

**VESA** Fino a 600x400  
**Weight** 40 Kg  
**Dimensions** 32"-80"  
**Distance from wall** 45 mm  
**Tilt** -5° +10°  
**Level** Included  
**Other** Safety block



41802 ELB-2642



packaging dimensions 39 x 38 x 7 cm  
master carton packaging 4 pcs

VESA 100x100, 200x100, 200x200, 200x300, 300x200, 300x300, 400x200, 400x300, 400x400

Weight 30 Kg

swivel 3

Arms 2

Dimensions 26"-42"

Distance from wall 46 mm  
531 mm

pivoting  $\pm 90^\circ$

Tilt  $-2^\circ, +12^\circ$

Level not included



41803 ELB-4080



packaging dimensions 70 x 46 x 7 cm  
master carton packaging 2 pcs

VESA 100x100, 200x100, 200x200, 200x300, 300x200, 300x300, 400x200, 400x300, 400x400, 600x200, 600x400

Weight 50 Kg

swivel 3

Arms Pantograph

Dimensions 40"-80"

Distance from wall 53 mm  
496 mm

pivoting  $\pm 90^\circ$

Tilt  $-2^\circ, +12^\circ$

Level not included



41804 ELB-3070



packaging dimensions 66 x 27 x 7 cm  
master carton packaging 3 pcs

VESA Fino a 600x400

Weight 50 Kg

swivel 3

Arms 2

Dimensions 30"-70"

Distance from wall 70 mm  
470 mm

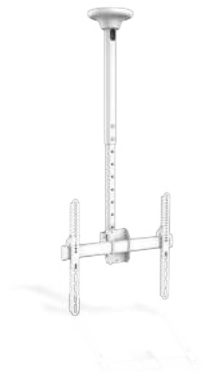
pivoting  $\pm 90^\circ$

Tilt  $\pm 15^\circ$

Level Included



41747 TCM-3255



packaging dimensions 60 x 25 x 15 cm  
master carton packaging 3 pcs

VESA Fino a 400x400

Weight 50 Kg

swivel 1

Arms 2

Dimensions 32"-55"

Distance from wall 560 mm  
910 mm

pivoting  $\pm 90^\circ$

Tilt  $-25^\circ$



41891 **AWM-2342/2**



**ALUMINIUM**



packaging dimensions 32 x 27 x 6 cm  
master carton packaging 8 pcs

**VESA** 75x75, 100x100, 200x100, 200x200

**Weight** 25 Kg

**swivel** 2

**Arms** 1

**Dimensions** 23"-42"

**Distance from wall** 48 mm  
213 mm

**pivoting** ±90°

**Tilt** -12°, +8°

**Level** not included



41892 **AWM-2342/3**



**ALUMINIUM**



packaging dimensions 35 x 29 x 6 cm  
master carton packaging 6 pcs

**VESA** 75x75, 100x100, 200x100, 200x200

**Weight** 30 Kg

**swivel** 3

**Arms** 2

**Dimensions** 23"-42"

**Distance from wall** 48 mm  
410 mm

**pivoting** ±90°

**Tilt** -12°, +8°

**Level** not included



41893 **AWM-2355/2**



**ALUMINIUM**



packaging dimensions 32 x 27 x 6 cm  
master carton packaging 7 pcs

**VESA** 75x75, 100x100, 200x100, 200x200, 300x200,  
300x300, 400x200, 400x300, 400x400

**Weight** 30 Kg

**swivel** 2

**Arms** 1

**Dimensions** 23"-55"

**Distance from wall** 55 mm  
216 mm

**pivoting** ±90°

**Tilt** -12°, +8°

**Level** not included



41894 **AWM-2355/3**



**ALUMINIUM**



packaging dimensions 35 x 29 x 6 cm  
master carton packaging 5 pcs

**VESA** 75x75, 100x100, 200x100, 200x200, 300x200,  
300x300, 400x200, 400x300, 400x400

**Weight** 30 Kg

**swivel** 3

**Arms** 2

**Dimensions** 23"-55"

**Distance from wall** 48 mm  
410 mm

**pivoting** ±90°

**Tilt** -12°, +8°

**Level** not included



**41895 AWM-2355/3 PLUS**



**ALUMINIUM**



packaging dimensions 47 x 44 x 8 cm  
master carton packaging 4 pcs

**VESA** 75x75, 100x100, 200x100, 200x200, 300x200, 300x300, 400x200, 400x300, 400x400

**Weight** 35 Kg

**swivel** 3

**Arms** 2

**Dimensions** 23"-55"

**Distance from wall** 48 mm  
514 mm

**pivoting** ±90°

**Tilt** -12°, +8°

**Level** not included



**41896 EWM-3270**



**Ultra Slim**  
Magnetic System



packaging dimensions 77 x 41 x 8 cm  
master carton packaging 3 pcs

**VESA** Fino a 400x400

**Weight** 45 Kg

**swivel** 3

**Arms** Pantograph

**Dimensions** 32"-70"

**Distance from wall** 80 mm  
520 mm

**pivoting** ±60°

**Tilt** -10°, +5°

**Level** not included



**41897 EWM-3780**



**Ultra Slim**  
Magnetic System



packaging dimensions 77 x 41 x 8 cm  
master carton packaging 3 pcs

**VESA** Fino a 600x400

**Weight** 45 Kg

**swivel** 3

**Arms** Pantograph

**Dimensions** 37"-80"

**Distance from wall** 80 mm  
520 mm

**pivoting** ±60°

**Tilt** -10°, +5°

**Level** not included



41880 PRO-3270



packaging dimensions 45 x 14 x 5 cm  
master carton packaging 6 pcs

VESA Fino a 800x400

Weight 50 Kg

Dimensions 32"-70"

Tilt -6°, +6°

Level not included

Height 595 mm  
735 mm



41881 PRO-2347



packaging dimensions 57 x 35 x 10 cm  
master carton packaging 2 pcs

VESA Fino a 400x300

Weight 40 Kg

Dimensions 23"-47"

Level not included

Height 459 mm  
600 mm



41882 PRO-3770



packaging dimensions 104 x 49 x 8 cm  
master carton packaging 1 pcs

VESA Fino a 600x400

Weight 40 Kg

Dimensions 37"-70"

Tilt -10°, +10°

Level not included

Height 1555 mm  
1715 mm



41746 P-3025 NEW



packaging dimensions 33 x 21 x 7 cm  
master carton packaging 10 pcs

VESA

Weight 21 Kg

swivel 1

Arms max 2

Distance from wall 120 mm  
822 mm

pivoting 360°

Tilt ±10°





**Soundbar  
Universal bracket**



**Vocal Assistant  
Universal bracket**

41763 SBB-001



packaging dimensions 47 x 25 x 3 cm  
master carton packaging 10 pcs

**Material** steel  
**Weight** 20 Kg  
**mounting** up/down



8 023389 747313

41764 VASM-001 BLACK



packaging dimensions 12 x 10 x 8 cm  
master carton packaging 20 pcs

**Material** PVC  
**Color** black  
**Use** for voice assistant (Google Assistance™, Amazon Alexa, ...)  
**Cable Covers** on the inside



8 023389 747320

41745 DWM-2



packaging dimensions 35 x 13 x 6 cm  
master carton packaging 25 pcs

**Weight** 8 Kg  
**Distance from wall** 100 mm  
320 mm  
**Other** horizontal or vertical installation



8 028626 417455

41761 SB-20



packaging dimensions 16 x 25 x 6 cm  
master carton packaging 40 pcs

Weight 4,5 Kg  
swivel max 1  
Arms max 2  
Distance from wall 75 mm  
140 mm  
pivoting 360°  
Tilt ±90°



41762 SS-01



packaging dimensions 35 x 21 x 10 cm  
master carton packaging 4 pcs

Weight 4,5 Kg  
Height 680 mm  
1100 mm



41777 CC-06 BLACK



packaging dimensions 75 x 6 x 3 cm  
master carton packaging 25 pcs

Distance from wall 28 mm  
Length 75 cm  
Material Aluminium



41778 CC-06 WHITE



packaging dimensions 75 x 6 x 3 cm  
master carton packaging 25 pcs

Distance from wall 28 mm  
Length 75 cm  
Material Aluminium



41774 CC-03 BLACK



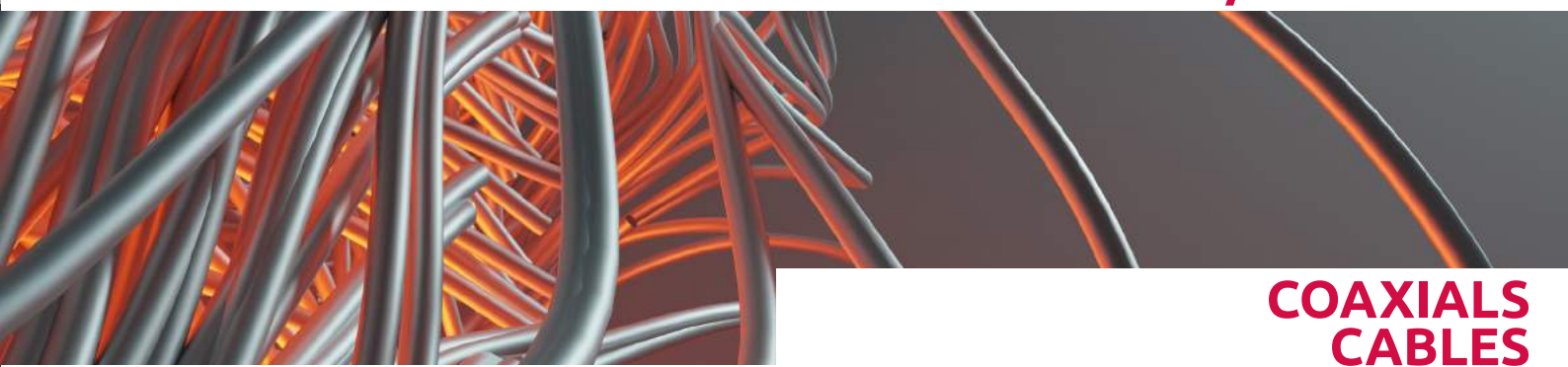
packaging dimensions 23 x 26 x 9 cm  
master carton packaging 40 pcs

Length 150 cm  
Material Plastic

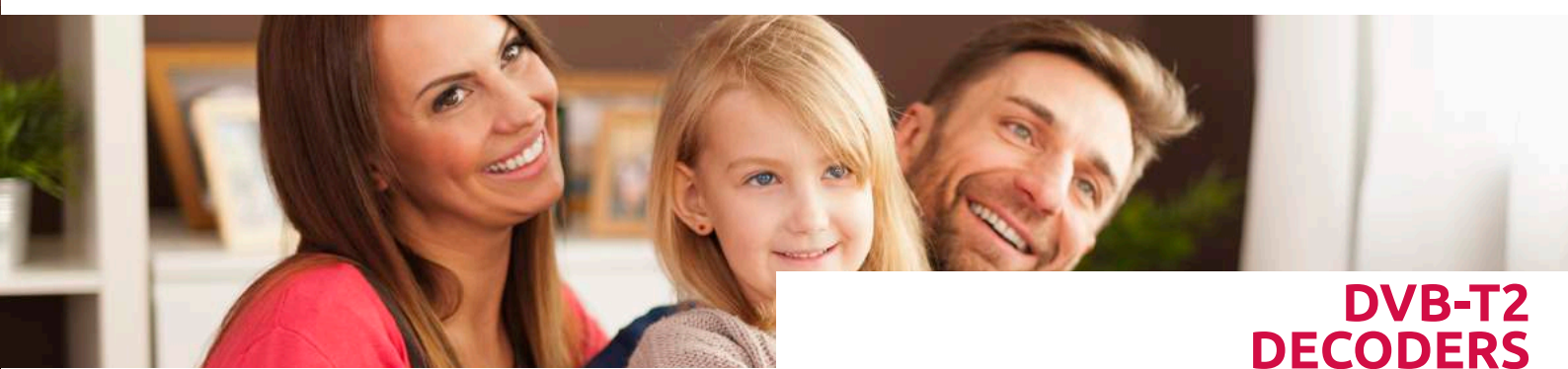




**AMPLIFIED ANTENNAS  
INDOOR / OUTDOOR**



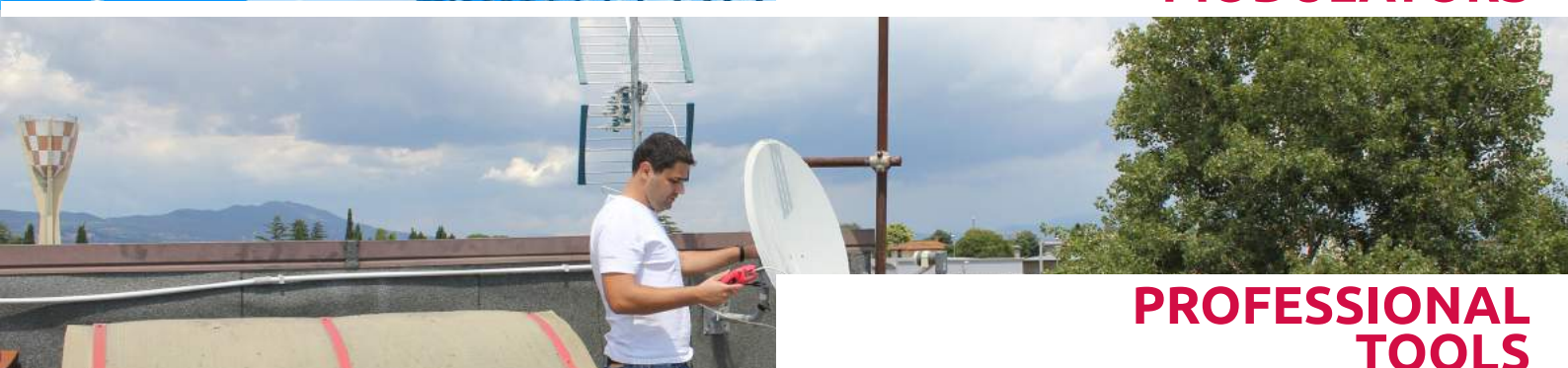
**COAXIALS  
CABLES**



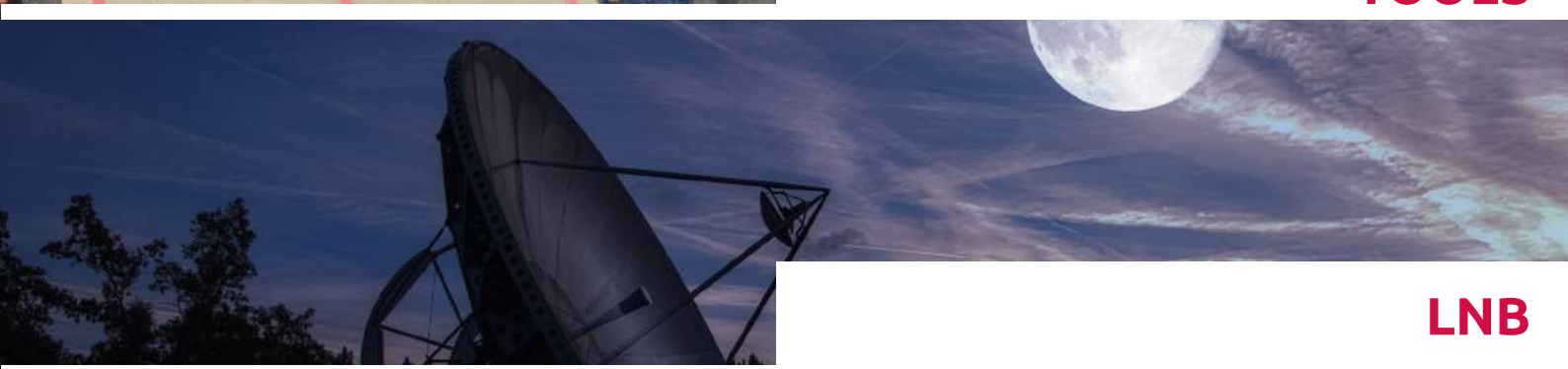
**DVB-T2  
DECODERS**



**AUDIO/VIDEO  
MODULATORS**



**PROFESSIONAL  
TOOLS**



**LNB**



## 44027/LTE DIGITAL STILO -LTE



packaging dimensions 14 x 33 x 10 cm  
master carton packaging 10 pcs

**Gain** VHF: 25 dB  
UHF: 25 dB  
**Frequency** VHF: 174 - 230 MHz  
UHF: 470 - 790 MHz  
**Filter** LTE: 790÷862 MHz  
**Band** VHF <br> UHF  
**Insertion loss** LTE: < 20 dB  
**Power supply** 230 Vac - 50 Hz  
5 Vdc - 50 mA  
**Other** Special DTT



## 44030/LTE DIGITAL FLAT -LTE



packaging dimensions 25 x 15 x 8 cm  
master carton packaging 10 pcs

**Gain** VHF: 25 dB  
UHF: 25 dB  
**Frequency** VHF: 174 - 230 MHz  
UHF: 470 - 790 MHz  
**Filter** LTE: 790÷862 MHz  
**Band** VHF <br> UHF  
**Insertion loss** LTE: < 20 dB  
**Power supply** 230 Vac - 50 Hz  
5 Vdc - 50 mA  
**Other** Special DTT



## 44026/LTE VENUS -LTE



packaging dimensions 17 x 35 x 13 cm  
master carton packaging 20 pcs

**Gain** VHF: 15 dB  
UHF: 15 dB  
**Frequency** VHF: 174 - 230 MHz  
UHF: 470 - 790 MHz  
**Filter** LTE: 791÷862 MHz  
**Band** VHF <br> UHF  
**Insertion loss** LTE: < 20 dB  
**Power supply** 230 Vac - 50 Hz / 6 Vdc - 100 mA  
**cable length included** 6 m (F/IEC 9,5mm - 75&#8486;) **accessories included** wall / pole fixing bracket  
power supply for cable antenna  
wall power supply  
6m of coaxial cable  
bracket mounting accessories



44801 CXCCS5-150



packaging dimensions 25 x 25 x 13 cm  
master carton packaging 6 pcs

Use DVB-T/DVB-S  
Class B  
outer diameter  $\varnothing$  5 mm  
dielectric diameter  $\varnothing$  3,5 mm  
internal conductor diameter  $\varnothing$  0,8 mm  
conductor type CCS  
sheath PVC  
ignition type Gas injected  
cable length 150 mt  
shielding type double aluminum sheet

aluminum braid 32 x 0,12  
Impedance 75  $\Omega$  8486;  
Capacity 94  $\pm$  2 pf/mt  
propagation speed 79%



44802 CXCCS6-100



packaging dimensions 25 x 26 x 12 cm  
master carton packaging 6 pcs

Use DVB-T/DVB-S  
Class B  
outer diameter  $\varnothing$  6 mm  
dielectric diameter  $\varnothing$  3,66 mm  
internal conductor diameter  $\varnothing$  0,8 mm  
conductor type CCS  
sheath PVC  
ignition type Gas injected  
cable length 100 mt  
shielding type double aluminum sheet

aluminum braid 96 x 0,12  
Impedance 75  $\Omega$  8486;  
Capacity 94  $\pm$  2 pf/mt  
propagation speed 79%



44803 CXCCS6.7-100



packaging dimensions 26 x 26 x 13 cm  
master carton packaging 6 pcs

Use DVB-T/DVB-S  
Class B  
outer diameter  $\varnothing$  6,7 mm  
dielectric diameter  $\varnothing$  4,6 mm  
internal conductor diameter  $\varnothing$  1 mm  
conductor type CCS  
sheath PVC  
ignition type Gas injected  
cable length 100 mt  
shielding type double aluminum sheet

aluminum braid 96 x 0,12  
Impedance 75  $\Omega$  8486;  
Capacity 94  $\pm$  2 pf/mt  
propagation speed 83%



DVB-T2 is an abbreviation for “Digital Video Broadcasting - Second Generation Terrestrial”; it is the extension of the television standard DVB-T, issued by the consortium DVB, devised for the broadcast transmission of digital terrestrial television. DVB has been standardized by ETSI.

This system transmits compressed digital audio, video, and other data in “physical layer pipes” (PLPs), using OFDM modulation with concatenated channel coding and interleaving. The higher offered bit rate, with respect to its predecessor DVB-T, makes it a system suited for carrying HDTV signals on the terrestrial TV channel (though many broadcasters still use plain DVB-T for this purpose).

**The DVB-T2 specification**

The DVB-T2 draft standard was ratified by the DVB Steering Board on 26 June 2008, and published on the DVB homepage as DVB-T2 standard BlueBook. It was handed over to the European Telecommunications Standards Institute (ETSI) by DVB.ORG on 20 June 2008. The ETSI process resulted in the DVB-T2 standard being adopted on 9 September 2009. The ETSI process had several phases, but the only changes were text clarifications. Since the DVB-T2 physical layer specification was complete, and there would be no further technical enhancements, receiver VLSI chip design started with confidence in stability of specification. A draft PSI/SI (program and system information) specification document was also agreed with the DVB-TM-GBS group.

**The standard**

The following characteristics have been devised for the T2 standard:  
 COFDM modulation with QPSK, 16-QAM, 64-QAM, or 256-QAM constellations.  
 OFDM modes are 1k, 2k, 4k, 8k, 16k, and 32k. The symbol length for 32k mode is about 4 ms.  
 Guard intervals are 1/128, 1/32, 1/16, 19/256, 1/8, 19/128, and 1/4. (For 32k mode, the maximum is 1/8.)  
 FEC is concatenated LDPC and BCH codes (as in DVB-S2 and DVB-C2), with rates 1/2, 3/5, 2/3, 3/4, 4/5, and 5/6.  
 There are fewer pilots, in 8 different pilot-patterns, and equalization can be based also on the RAI CD3 system.  
 In the 32k mode, a larger part of the standard 8 MHz channel can be used, adding about 2% extra capacity.  
 DVB-T2 is specified for 1.7, 5, 6, 7, 8, and 10 MHz channel bandwidth.  
 MISO (Multiple-Inputs, Single-Output) may be used (Alamouti scheme), but MIMO will not be used. Diversity receivers can be used (as they are with DVB-T).  
 Multiple PLPs to enable service-specific robustness at a particular bit rate.  
 Bundling of more channels into a SuperMUX (called TFS) is not in the standard, but may be added later.

**System differences with DVB-T**

The following table reports a comparison of available modes in DVB-T and DVB-T2.

	DVB-T	DVB-T2
<b>Input Interface</b>	Single Transport Stream (TS)	Multiple Transport Stream and Generic Stream Encapsulation (GSE)
<b>Modes</b>	Constant Coding & Modulation	Variable Coding & Modulation
<b>Forward Error Correction (FEC)</b>	Convolutional Coding + Reed Solomon	
1/2, 2/3, 3/4, 5/6, 7/8	LDPC + BCH	
1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 6/7, 8/9		
<b>Modulation</b>	OFDM	OFDM
<b>Modulation Schemes</b>	QPSK, 16QAM, 64QAM	QPSK, 16QAM, 64QAM, 256QAM
<b>Guard Interval</b>	1/4, 1/8, 1/16, 1/32	1/4, 19/128, 1/8, 19/256, 1/16, 1/32, 1/128
<b>Discrete Fourier transform (DFT) size</b>	2k, 8k	1k, 2k, 4k, 8k, 16k, 32k
<b>Scattered Pilots</b>	8% of total	1%, 2%, 4%, 8% of total
<b>Continual Pilots</b>	2.6% of total	0.35% of total
<b>Physical Layer Pipes</b>	no	yes

For instance, a UK MFN DVB-T profile (64-QAM, 8k mode, coding rate 2/3, guard interval 1/32) and a DVB-T2 equivalent (256-QAM, 32k, coding rate 3/5, guard interval 1/128) allows for an increase in bit rate from 24.13 Mbit/s to 35.4 Mbit/s (+46.5%). Another example, for an Italian SFN DVB-T profile (64-QAM, 8k, coding rate 2/3, guard interval 1/4) and a DVB-T2 equivalent (256-QAM, 32k, coding rate 3/5, guard interval 1/16), achieves an increase in bit rate from 19.91 Mbit/s to 33.3 Mbit/s (+67%).

Recommended maximum bit-rate configurations for 8 MHz bandwidth, 32K FFT, guard interval 1/128, pilot pattern 7:

Mod.	Code rate	Bitrate	Frame length	FEC	Mod.	Code rate	Bitrate	Frame length	FEC
QPSK	1/2	7.4442731	60	50	64-QAM	1/2	22.481705	60	151
	3/5	8.9457325				3/5	27.016112		
	2/3	9.9541201				2/3	30.061443		
	3/4	11.197922				3/4	33.817724		
	4/5	11.948651				4/5	36.084927		
	5/6	12.456553				5/6	37.618789		
16-QAM	1/2	15.037432	60	101	256-QAM	1/2	30.074863	60	202
	3/5	18.07038				3/5	36.140759		
	2/3	20.107323				2/3	40.214645		
	3/4	22.619802				3/4	45.239604		
	4/5	24.136276				4/5	48.272552		
	5/6	25.162236				5/6	50.324472		

43700 JL43700



dimensioni packaging 19 x 16 x 4 cm  
confezione master carton 20 pz

**Compatibility** DVB-T / T2 HEVC main 10bit H.265 / H.264

**Remote control** IR for Decoder + TV (learning from the original)

**Audio** Dolby Digital for excellent quality

**Video resolution** 576i/p; 720p; 1080i, 1080p

**Display** 4 digit: time (stand-by) and channel in progress

**Guide** Electronics to TV programs

**LCN** YES, automatic channel numbering

**Menu** Multi-language

**Search channels** Automatic and Manual

**No. of channels** 1000 (TV/Radio)

**Start-up** last selected channel

**Parental control** ✓

**USB port** 2.0 for Media Player and update

**Media Player** Music / Photo / Video

**Supported formats** Audio: MP3  
Images: JPG, PNG and JPEG  
Video: AVI, MOV, MP4, MKV, VOB and FLV

**RJ-45 LAN port** ✓ for Internet access

**Preloaded applications** Weather, IPTV, RSS feeds

**Buttons** 3 multifunction buttons on the front panel

**Antenna input** IEC female

**Outputs** Male IEC Loop Through Antenna  
HDMI up to 1080p  
SCART  
Coaxial digital audio



43701 JL43701



dimensioni packaging 19 x 12 x 5 cm  
confezione master carton 20 pz

**Compatibility** DVB-T / T2 HEVC main 10bit H.265 / H.264

**Remote control** IR for Decoder + TV (learning from the original)

**Audio** Dolby Digital for excellent quality

**Video resolution** 576i/p; 720p; 1080i, 1080p

**Display** 4 digits on external IR: time (stand-by) and channel in progress

**Guide** Electronics to TV programs

**LCN** YES, automatic channel numbering

**Menu** Multi-language

**Search channels** Automatic and Manual

**No. of channels** 1000 (TV/Radio)

**Start-up** last selected channel

**Parental control** ✓

**USB port** 2.0 for Media Player and update

**Media Player** Music / Photo / Video

**Supported formats** Audio: MP3  
Images: JPG, PNG and JPEG  
Video: AVI, MOV, MP4, MKV, VOB and FLV

**RJ-45 LAN port** ✓ for Internet access

**Preloaded applications** Weather, IPTV, RSS feeds

**Buttons** 3 multifunction buttons on the front panel

**Antenna input** IEC female

**Outputs** Male IEC Loop Through Antenna  
HDMI up to 1080p  
SCART  
Coaxial digital audio



43702 JL43702



dimensioni packaging 20 x 15 x 5 cm  
confezione master carton 28 pz

**Compatibility** DVB-T / T2 HEVC main 10bit H.265 / H.264

**Remote control** IR for Decoder + TV (learning from the original)

**Audio** Dolby Digital for excellent quality

**Video resolution** 576i/p; 720p; 1080i, 1080p

**Display** 4 digit: time (stand-by) and channel in progress

**Guide** Electronics to TV programs

**LCN** YES, automatic channel numbering

**Menu** Multi-language

**Search channels** Automatic and Manual

**No. of channels** 1000 (TV/Radio)

**Start-up** last selected channel

**Parental control** ✓

**USB port** 2.0 for Media Player and update

**Media Player** Music / Photo / Video

**Supported Formats** Audio: MP3  
Images: JPG, PNG and JPEG  
Video: AVI, MOV, MP4, MKV, VOB and FLV

**RJ-45 LAN port** ✓ for Internet access

**Preloaded applications** Weather, IPTV

**Buttons** 3 front keys (power, ch + and ch-)

**Antenna input** IEC female

**Outputs** Male IEC Loop Through Antenna  
HDMI up to 1080p  
SCART  
Coaxial digital audio



## 41985 WATCH ANY WHERE DOUBLE



**Modulation type** DVB-T Standard  
**Modulation** QPSK/16QAM/64QAM  
**Band width** 6/7/8 MHz  
**carrier** 2K/8K  
**Guard space** 1/4, 1/8, 1/16, 1/32  
**code rate** 1/2, 2/3, 3/4, 5/6, 7/8  
**MER** 35 dB  
**Frequency range** 50 - 860 MHz  
**Output level** 70 - 100 dBuV  
**Output impedance** 75 Ohm  
**Audio bitrate** 64K, 128K, 192K, 256K, 320K  
**Video input format** HD Port

**Video bitrate** 1M ~ 20M  
**Video encoding format** H. 264  
**Video resolution** 1920x1080 @60p, 1920x1080 @50p, 1920x1080 @60i, 1920x1080 @50i, 1280x720 @60p, 1280x720 @50p  
**Video connector** HD 1.3  
**Power supply** 12Vcc/1,5A  
**Operating temperature** 0 - +50 °C  
**Dimensions** 125 mm x 100 mm x 28 mm  
**Weight** 0,5 Kg  
**TSID e SID** 0 ~ 65535  
**LCN** 0 ~ 1023

packaging dimensions 26 x 16 x 52 cm  
 master carton packaging 12 pcs

**Other** Double HDMI port in order to connect TV sets directly



8 028626 4 19855

## 41978 MODULATORE AUDIO/VIDEO MONO



packaging dimensions 13 x 17 x 5 cm  
 master carton packaging 50 pcs

**Audio output** 75 dBµV  
**Video output** 75 dBµV  
**Video out channel** 47÷862 MHz  
**Impedance** 75 Ohm  
**Power supply** 220Vac 50/60Hz



8 028626 4 19787

## 41980 MODULATORE AUDIO/VIDEO STEREO



packaging dimensions 17 x 24 x 9 cm  
 master carton packaging 20 pcs

**Audio output** Stereo/adjustable  
**Video output** 70-90 dBµV adjustable  
**Video out channel** 47÷862 MHz  
**Impedance** 75 Ohm  
**Power supply** 220Vac 50/60Hz



8 028626 4 19800

**43988 MULTI COMPACT**



**Screen** 4,3"

**Functions** dCSS, SCR unicable, cam control

**connection** DVB-S/S2 F

**frequency range** DVB-S/S2 950 MHz - 2150 MHz

**signal level** DVB-S/S2 -65dBm - 25dBm

**Controller for LNB switch** 22 KHz

**power supply** LNB DVB-S/S2 13/18, max 400mA

**modulatio type** DVB-S/S2 QPSK, 8PSK, 16APSK

**symbol rate**  $2 < R_s < 45$ Mband (SCPC/MCPC)

**connection** DVB-T/T2 IEC "F" 9,5mm

**frequency** DVB-T/T2 VHF-UHF 48MHz - 862MHz

**modulation rate** DVB-T/T2 2Mbps - 45Mbps

**capacity** SCPF e MCPC Yes

**signal level** DVB-T/T2 -79,5dBm (max)

**antenna power supply** 5V, 12V/24V max 100mA

**modulation type** DVB-T/T2 QPSK, 16QAM.64QAM, 256QAM

**AV output** Jack da 3,5mm, CVBS, Stereo L/R

**HD port output** 1,4

**AV input** Jack da 3,5mm, CVBS, Stereo L/R

**video decompression** h.265 HVEC, h.264 MP&HP@L4, MPEG-4 ASP@L5 HD, MPEG-2 MP@HL, MPEG-1, HW JPEG

**video resolutions** PAL-25 frame@720#576 NTSC-30 frame@720#480

**Video format** 4/3, 16/9, by pan & scan, letter box

packaging dimensions 24 x 19 x 6 cm  
master carton packaging 20 pcs

**Audio decompression** MPEG-1 Layer I/II, MPEG-2 Stereo, Mono, R/L

**updating** Through USB 2.0

**Processor** 500MHz

**SDRAM memory** 1Gbit DDR3

**Battery** 7,4V/2600mAh

**adapter** output: 12Vdc/1,5A  
input: 100-240Vac 50/60Hz

**Consumption** 10W max

**Dimensions** 18 x 13,5 x 4 cm

**Weight** 0,610 Kg



8 023389 749454

**43987 MULTI SPECTRUM**



**Screen** 7"

**Functions** dCSS, SCR unicable, real time spectrum, optical fiber, cam control

**connection** DVB-S/S2 F

**frequency range** DVB-S/S2 950 MHz - 2150 MHz

**signal level** DVB-S/S2 -65dBm - 25dBm

**Controller for LNB switch** 22 KHz

**power supply** LNB DVB-S/S2 13/18, max 400mA

**modulatio type** DVB-S/S2 QPSK, 8PSK, 16APSK

**symbol rate**  $2 < R_s < 45$ Mband (SCPC/MCPC)

**connection** DVB-T/DVB-T2 IEC "F" 9,5mm

**frequency** DVB-T/T2 VHF-UHF 48MHz - 862MHz

**modulation rate** DVB-T/T2 2Mbps - 45Mbps

**capacity** SCPF e MCPC Yes

**signal level** DVB-T/T2 -79,5dBm (max)

**antenna power supply** 5V, 12V/24V max 100mA

**modulation type** DVB-T/T2 QPSK, 16QAM.64QAM, 256QAM

**AV output** Jack da 3,5mm, CVBS, Stereo L/R

**HD port output** 1,3a

**AV input** Jack da 3,5mm, CVBS, Stereo L/R

**video decompression** h.265 HVEC, h.264 MP&HP@L4, MPEG-4 ASP@L5 HD, MPEG-2 MP@HL, MPEG-1, HW JPEG

**video resolutions** PAL-25 frame@720#576 NTSC-30 frame@720#480

packaging dimensions 31 x 25 x 10 cm  
master carton packaging 6 pcs

**Video format** 4/3, 16/9, by pan & scan, letter box

**Audio decompression** MPEG-1 Layer I/II, MPEG-2 Stereo, Mono, R/L

**updating** Through USB 2.0

**Processor** 500MHz

**SDRAM memory** 1Gbit DDR3

**Battery** 7,4V/3000mAh

**adapter** output: 12Vdc/1,5A  
input: 100-240Vac 50/60Hz

**Consumption** 10W max

**Dimensions** 25 x 15,6 x 4 cm

**Weight** 1 Kg



8 028626 439877

44015 LNB-1dCSS



packaging dimensions 12 x 13 x 7 cm  
master carton packaging 30 pcs

**SCR frequencies**

- 1.210 MHz
- 1.420 MHz
- 1.680 MHz
- 2.040 MHz

**dCSS frequencies**

- 985 MHz
- 1.050 MHz
- 1.115 MHz
- 1.275 MHz
- 1.340 MHz
- 1.485 MHz
- 1.550 MHz
- 1.615 MHz
- 1.745 MHz
- 1.810 MHz
- 1.875 MHz
- 1.940 MHz

**Input frequencies** 10,7÷12,75 GHz

**Output frequencies** 950÷2.150 MHz

**Noise figure** 0,8 dB

**Max Gain** 65 dB

**Cross polarization** > 20 dB

**Rejection** > 40 dB

**Working temperature** -30°C +60°C

**Output power** -35 -27 dBm

**Impedance** 75 &#8486;

**Power supply** 11.5 ~ 19 V

**Consumption** 400 mA @11,5 V



# TABLE OF CHANNELS AND TELEVISION BANDS AND COMPARATIVE TABLE OF TV ANTENNAS

## Channels and TV bands

Ch	Frequency (MHz)		
	Init	Middle	End
<b>S band</b>			
S1	104	107,5	111
S2	111	114,5	118
S3	118	121,5	125
S4	125	128,5	132
S5	132	135,5	139
S6	139	142,5	146
S7	146	149,5	153
S8	153	156,5	160
S9	160	163,5	167
S10	167	170,5	174
<b>VHF band (III°)</b>			
5	174	177,5	181
6	181	184,5	188
7	188	191,5	195
8	195	198,5	202
9	202	205,5	209
10	209	212,5	216
11	216	219,5	223
12	223	226,5	230
<b>S band</b>			
S11	230	233,5	237
S12	237	240,5	244
S13	244	247,5	251
S14	251	254,5	258
S15	258	261,5	265
S16	265	268,5	272
S17	272	275,5	279
S18	279	282,5	286
S19	286	289,5	293
S20	293	296,5	300
S21	302	306	310
S22	310	314	318
S23	318	322	326
S24	326	330	334

Ch	Frequency (MHz)		
	Init	Middle	End
S25	334	338	342
S26	342	346	350
S27	350	354	358
S28	358	362	366
S29	366	370	374
S30	374	378	382
S31	382	386	390
S32	390	394	398
S33	398	402	406
S34	406	410	414
S35	414	418	422
S36	422	426	430
S37	430	434	438
S38	438	442	446
S39	446	450	454
S40	454	458	462
S41	462	466	470
<b>UHF band (IV° + V°)</b>			
21	470	474	478
22	478	482	486
23	486	490	494
24	494	498	502
25	502	506	510
26	510	514	518
27	518	522	526
28	526	530	534
29	534	538	542
30	542	546	550
31	550	554	558
32	558	562	566
33	566	570	574
34	574	578	582
35	582	586	590
36	590	594	598
37	598	602	606

Ch	Frequency (MHz)		
	Init	Middle	End
38	606	610	614
39	614	618	622
40	622	626	630
41	630	634	638
42	638	642	646
43	646	650	654
44	654	658	662
45	662	666	670
46	670	674	678
47	678	682	686
48	686	690	694
<b>700 band</b>			
49	694	698	702
50	702	706	710
51	710	714	718
52	718	722	726
53	726	730	734
54	734	738	742
55	742	746	750
56	750	754	758
57	758	762	766
58	766	770	774
59	774	778	782
60	782	786	790
<b>LTE band (ex V°)</b>			
61	790	794	798
62	798	802	806
63	806	810	814
64	814	818	822
65	822	826	830
66	830	834	838
67	838	842	846
68	846	850	854
69	854	858	862

Code	Model	Band	Channel	Frequency	Filter	Gain	N° Elements	Conn.	Forward / Backward ratio	Attenuation	Polarization
41016-B	VHF/7 ELEMENTI	VHF	5÷12	174÷238 MHz	-	8 dB	7	F	> 27 dB	-	V/O
41017	VHF/6 ELEMENTI	VHF	5÷12	174 ÷238 MHz	-	12 dB	6	F	> 22 dB	-	V/O
2401	LP/6	III°	5÷12	170 ÷230 MHz	-	8,2 dB	6	F	> 18 dB	-	V/O
2402	LP/16 E	III° + UHF	5÷60	170 ÷790 MHz	LTE	8,5 dB	16	F	> 21÷27 dB	LTE: < 20 dB	V/O
44002/LTE	DTT-1608 -LTE	III° + UHF	5÷60	174 ÷790 MHz	LTE	8,5 dB	16	F	> 21÷27 dB	LTE: < 20 dB	V/O
44003/LTE	DTT-1608V-0 -LTE	III° + UHF	5÷60	174 ÷790 MHz	LTE	8,5 dB	16	F	> 21÷27 dB	LTE: < 20 dB	V/O
44004/LTE	DTT-1113 -LTE	UHF	21÷60	470 ÷790 MHz	LTE	13 dB	11	F	> 26 dB	LTE: < 20 dB	V/O
44005/LTE	DTT-1415 -LTE	UHF	21÷60	470 ÷790 MHz	LTE	15 dB	14	F	> 26 dB	LTE: < 20 dB	V/O
44032/LTE	DTT-1811 MINI -LTE	UHF	21÷60	470 ÷790 MHz	LTE	11 dB	18	F	> 26 dB	LTE: < 20 dB	V/O
44031/LTE	DTT-2516 -LTE	UHF	21÷60	470 ÷790 MHz	LTE	16 dB	25	F	> 26 dB	LTE: < 20 dB	V/O



## 41016-B VHF/7 ELEMENTI



packaging dimensions 135 x 13 x 8 cm  
master carton packaging 10 pcs

Gain 8 dB  
Frequency 174÷238 MHz  
Connector F  
Band VHF  
Channels 5÷12  
Nr. elements 7  
Forward/back ratio > 27 dB  
polarity V/O



## 41017 VHF/6 ELEMENTI



packaging dimensions 102 x 14 x 6 cm  
master carton packaging 15 pcs

Gain 12 dB  
Frequency 174÷238 MHz  
Connector F  
Band VHF  
Channels 5÷12  
Nr. elements 6  
Forward/back ratio > 22 dB  
polarity V/O



2401 LP/6



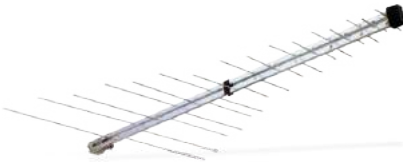
bulk

packaging dimensions 17 x 24 x 6 cm  
master carton packaging 10 pcs

Gain 8,2 dB  
Frequency 170÷230 MHz  
Connector F  
Band III°  
Channels 5÷12  
Nr. elements 6  
Forward/back ratio > 18 dB  
polarity V/O



2402 LP/16 E



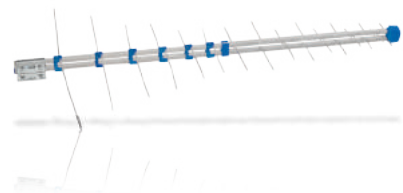
bulk

packaging dimensions 120 x 85 x 5 cm  
master carton packaging 10 pcs

Gain 8,5 dB  
Frequency 170÷790 MHz  
Filter LTE: 791÷862 MHz  
Connector F  
Band III° + UHF  
Channels 5÷60  
Nr. elements 16  
Forward/back ratio > 21÷27 dB  
Insertion loss LTE: < 20 dB  
polarity V/O



44002/LTE DTT-1608 -LTE

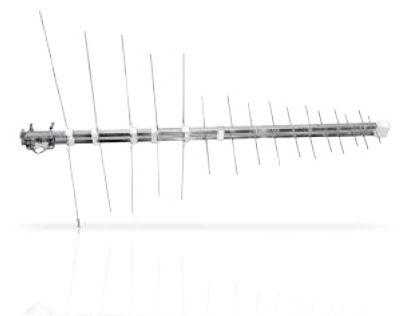


packaging dimensions 15 x 114 x 7 cm  
master carton packaging 20 pcs

Gain 8,5 dB  
Frequency 174÷790 MHz  
Filter LTE: 791÷862 MHz  
Connector F  
Band III° + UHF  
Channels 5÷60  
Nr. elements 16  
Forward/back ratio > 21÷27 dB  
Insertion loss LTE: < 20 dB  
polarity V/O



44003/LTE DTT-1608V-O -LTE



packaging dimensions 123 x 30 x 6 cm  
master carton packaging 20 pcs

Gain 8,5 dB  
Frequency 174÷790 MHz  
Filter LTE: 791÷862 MHz  
Connector F  
Band III° + UHF  
Channels 5÷60  
Nr. elements 16  
Forward/back ratio > 21÷27 dB  
Insertion loss LTE: < 20 dB  
polarity V/O



## 44004/LTE DTT-1113 -LTE



packaging dimensions 57 x 40 x 8 cm  
master carton packaging 10 pcs

**Gain** 13 dB  
**Frequency** 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band** UHF  
**Channels** 21÷60  
**Nr. elements** 11  
**Forward/back ratio** > 26 dB  
**Insertion loss** LTE: < 20 dB  
**polarity** V/O



## 44005/LTE DTT-1415 -LTE



packaging dimensions 65 x 43 x 8 cm  
master carton packaging 10 pcs

**Gain** 15 dB  
**Frequency** 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band** UHF  
**Channels** 21÷60  
**Nr. elements** 14  
**Forward/back ratio** > 26 dB  
**Insertion loss** LTE: < 20 dB  
**polarity** V/O



## 44032/LTE DTT-1811 MINI -LTE

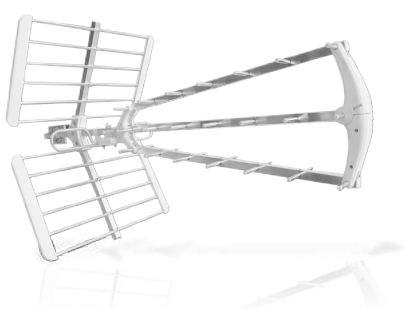


packaging dimensions 70 x 16 x 11 cm  
master carton packaging 10 pcs

**Gain** 11 dB  
**Frequency** 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band** UHF  
**Channels** 21÷60  
**Nr. elements** 18  
**Forward/back ratio** > 26 dB  
**Insertion loss** LTE: < 20 dB  
**polarity** V/O



## 44031/LTE DTT-2516 -LTE



packaging dimensions 97 x 15 x 14 cm  
master carton packaging 6 pcs

**Gain** 16 dB  
**Frequency** 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band** UHF  
**Channels** 21÷60  
**Nr. elements** 25  
**Forward/back ratio** > 26 dB  
**Insertion loss** LTE: < 20 dB  
**polarity** V/O



## Miscelatori

Code	Model	Frequency	N° input	1° input	2° input	3° input	N° outputs	Attacco	Filter	Attenuation	
44200/LTE	MIX/VU -LTE	40÷240 MHz 470 ÷790 MHz	2	VHF	UHF	-	1	F	LTE	LTE: < 20 dB	
44201/LTE	MIX/VU2 -LTE	40÷240 MHz 470 ÷790 MHz	3	VHF	UHF	UHF	1	F	LTE	LTE: < 20 dB	
44228/LTE	MIX/LGU -LTE	174÷790 MHz 470 ÷790 MHz	2	LOG	UHF	-	1	F	LTE	LTE: < 20 dB	
44204-B/LTE	MIX/DEMIX SAT/TV -LTE	47÷790 MHz 950 ÷2400 MHz	Combines SAT and TV signals in a single down cable. Re-separates the SAT and TV signals of the single down cable.						F	LTE	LTE: < 20 dB

## Partitori da Palo

Code	Model	Frequency	Usage	N° input	N° normal outputs	N° outputs +cc	Attenuation	Separazione uscite	Attacco
41168-B	DPE/2	5÷862 MHz	outdoor pole	1	1	1	2 dB	20 dB	F
41214-B	DPE/3	5÷862 MHz	outdoor pole	1	1	2	2 dB	20 dB	F
41215	DPE/3 (1 dc)	5÷862 MHz	outdoor pole	1	2	1	2 dB	20 dB	F
41219-B	DPE/4	5÷862 MHz	outdoor pole	1	3	1	2 dB	20 dB	F

## Partitori da Incasso

Code	Model	Frequency	Usage	N° input	N° normal outputs	N° outputs +cc	Attenuation	Output separation	Connector
41170/INC	PI2	5÷2400 MHz	built-in	1	2	-	max 5 dB	> 25 dB	standard/screw
41264/INC	PI3	5÷2400 MHz	built-in	1	3	-	max 8 dB	> 28 dB	standard/screw
41171/INC	PI4	5÷2400 MHz	built-in	1	4	-	max 12 dB	> 31 dB	standard/screw
41172/INC	PI1+1	5÷2400 MHz	built-in	1	1	1	max 5 dB	> 25 dB	standard/screw
41169/INC	PI2+1	5÷2400 MHz	built-in	1	2	1	max 8 dB	> 28 dB	standard/screw
41174/INC	PI3+1	5÷2400 MHz	built-in	1	3	1	max 12 dB	> 31 dB	standard/screw

## Partitori da Muro

Code	Model	Frequency	Usage	N° input	N° normal outputs	N° outputs +cc	Attenuation	Output separation	Connector
41170-B	PTI/2	40÷862 MHz	wall	1	2	-	2 dB	20 dB	standard/screw
41264-B	PTI/3	40÷862 MHz	wall	1	3	-	4 dB	20 dB	standard/screw
41171-B	PTI/4	40÷862 MHz	wall	1	4	-	6 dB	20 dB	standard/screw
41172-B	P2+CC	40÷862 MHz	wall	1	1	1	2 dB	20 dB	standard/screw
41169-B	P3+CC	40÷862 MHz	wall	1	2	1	4 dB	20 dB	standard/screw
41174-B	P4+CC	40÷862 MHz	wall	1	3	1	6 dB	20 dB	standard/screw

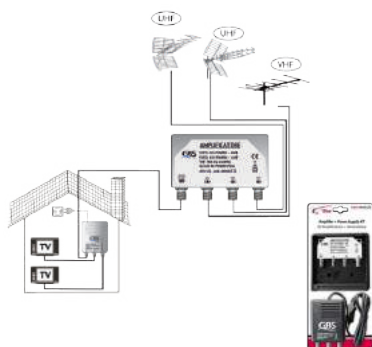
## Partitori Verticali con connettore a F

Code	Model	Frequency	Usage	N° input	N° outputs	Insertion loss				Output separation	dc passind	Conn.
						5÷470	470÷1000	1000÷2050	2050÷2400			
44171	P2+dc	5÷2400 MHz	built-in	1	2	5 dB	5,5 dB	6 dB	6,5 dB	20 dB	da OUT verso IN	F
44173	P3+dc	5÷2400 MHz	built-in	1	3	7,5 dB	8 dB	10 dB	11 dB	20 dB	da OUT verso IN	F
44175	P4+dc	5÷2400 MHz	built-in	1	4	9,5 dB	11 dB	12 dB	12 dB	20 dB	da OUT verso IN	F
44177	P6+dc	5÷2400 MHz	built-in	1	6	11,5 dB	12 dB	15,5 dB	16 dB	20 dB	da OUT verso IN	F
44179	P8+dc	5÷2400 MHz	built-in	1	8	13,5 dB	14 dB	17 dB	17 dB	20 dB	da OUT verso IN	F

## Derivatori Verticali con connettore F

Code	Model	Frequency	Usage	N° input	N° outputs	Derivation loss				Insertion loss	Output separation	dc passind	Conn.
						5÷470	470÷1000	1000÷2050	2050÷2400				
44180	D1/10	5÷2400 MHz	built-in	1	1+1pass	11,5 dB	12 dB	12 dB	12,5 dB	max 3 dB	18 dB	tra OUT e IN	F
44184	D2/10	5÷2400 MHz	built-in	1	2+1pass	11,5 dB	12 dB	12 dB	12,5 dB	max 6 dB	18 dB	tra OUT e IN	F
44188	D4/12	5÷2400 MHz	built-in	1	4+1pass	13,5 dB	14 dB	14,5 dB	15 dB	max 6 dB	18 dB	tra OUT e IN	F
44192	D6/16	5÷2400 MHz	built-in	1	6+1pass	17,5 dB	18 dB	18,5 dB	19 dB	max 6 dB	18 dB	tra OUT e IN	F
44195	D8/16	5÷2400 MHz	built-in	1	8+1pass	18 dB	18,5 dB	19 dB	19,5 dB	max 5,5 dB	18 dB	tra OUT e IN	F

44493/LTE KIT-93/LTE



packaging dimensions 13 x 30 x 6 cm  
master carton packaging 20 pcs

**AMPLIFIER**

frequency VHF 45÷232 MHz  
UHF 470÷790 MHz

filter LTE: 791÷862 MHz

connector F

UHF band 20 dB  
UHF 2 band 12 dB  
VHF band MIX

outputs 1

max output 107 dBµV

**POWER SUPPLY**

connector F

outputs 2

attenuation 4 dB

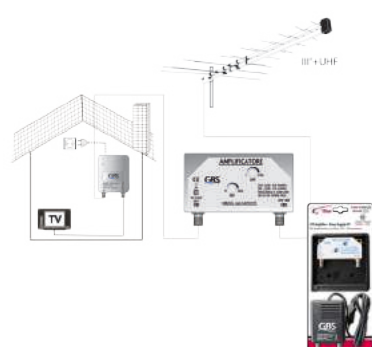
input voltage 230 Vac

output voltage +12 Vdc

max current 120 mA



41495/LTE KIT-95/LTE



packaging dimensions 13 x 30 x 6 cm  
master carton packaging 20 pcs

**AMPLIFIER**

frequency III° 174÷232 MHz  
UHF 470÷790 MHz

filter LTE: 791÷862 MHz

connector F

UHF band 0÷12 dB  
III° band 7÷12 dB

outputs 1

max output 107 dBµV

**POWER SUPPLY**

connector F

outputs 1

attenuation 4 dB

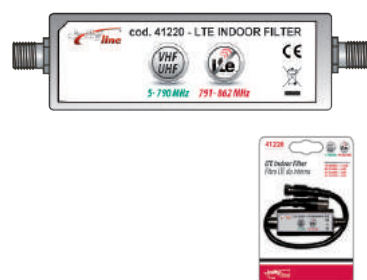
input voltage 230 Vac

output voltage +12 Vdc

max current 80 mA



41220 FILTRO LTE DA INTERNO



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 60 pcs

input 1 Antenna

out 1 TV/Other device with F connector

cable length 15 cm

Filter pass: 5÷790 Mhz  
reject: 791÷862 MHz



41221 FILTRO LTE DA ESTERNO



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 24 pcs

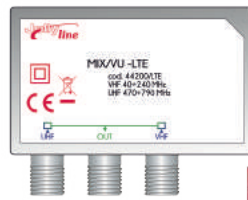
input 1 Antenna

out 1 TV

Filter pass: 5÷790 Mhz  
reject: 791÷862 MHz



44200/LTE MIX/VU -LTE



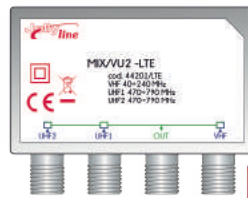
packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs



Filter LTE: 791÷862 MHz  
Connector F  
Outputs 1  
Insertion loss LTE: < 20 dB  
1st input VHF  
2nd input UHF



44201/LTE MIX/VU 2 -LTE



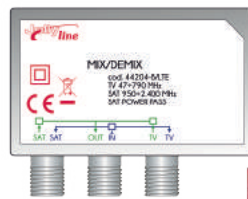
packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs



Filter LTE: 791÷862 MHz  
Connector F  
Outputs 1  
Insertion loss LTE: < 20 dB  
1st input VHF  
2nd input UHF  
3rd input UHF



44204-B/LTE MIX/DEMIX SAT/TV -LTE



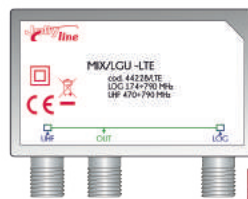
packaging dimensions 10 x 12 x 6 cm  
master carton packaging 24 pcs



Filter LTE: 791÷862 MHz  
Connector F  
Insertion loss LTE: < 20 dB  
Input features Combines SAT and TV signals in a single down cable. Re-separates the SAT and TV signals of the single down cable. With LTE filter.



44228/LTE MIX/LGU -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs



Filter LTE: 791÷862 MHz  
Connector F  
Outputs 1  
Insertion loss LTE: < 20 dB  
1st input LOG  
2nd input UHF



## 41168-B DPE/2



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 24 pcs

Use Outdoor  
Frequency 5÷862 MHz  
Connector F  
Nr. inputs 1  
Normal outputs 1  
+cc outputs 1  
Transfer loss 2 dB  
Output separation 20 dB



## 41214-B DPE/3



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 24 pcs

Use Outdoor  
Frequency 5÷862 MHz  
Connector F  
Nr. inputs 1  
Normal outputs 1  
+cc outputs 2  
Transfer loss 2 dB  
Output separation 20 dB



## 41215 DPE/3 (1dc)



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Use Outdoor  
Frequency 5÷862 MHz  
Connector F  
Nr. inputs 1  
Normal outputs 2  
+cc outputs 1  
Transfer loss 2 dB  
Output separation 20 dB



## 41219-B DPE/4

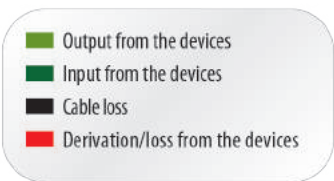
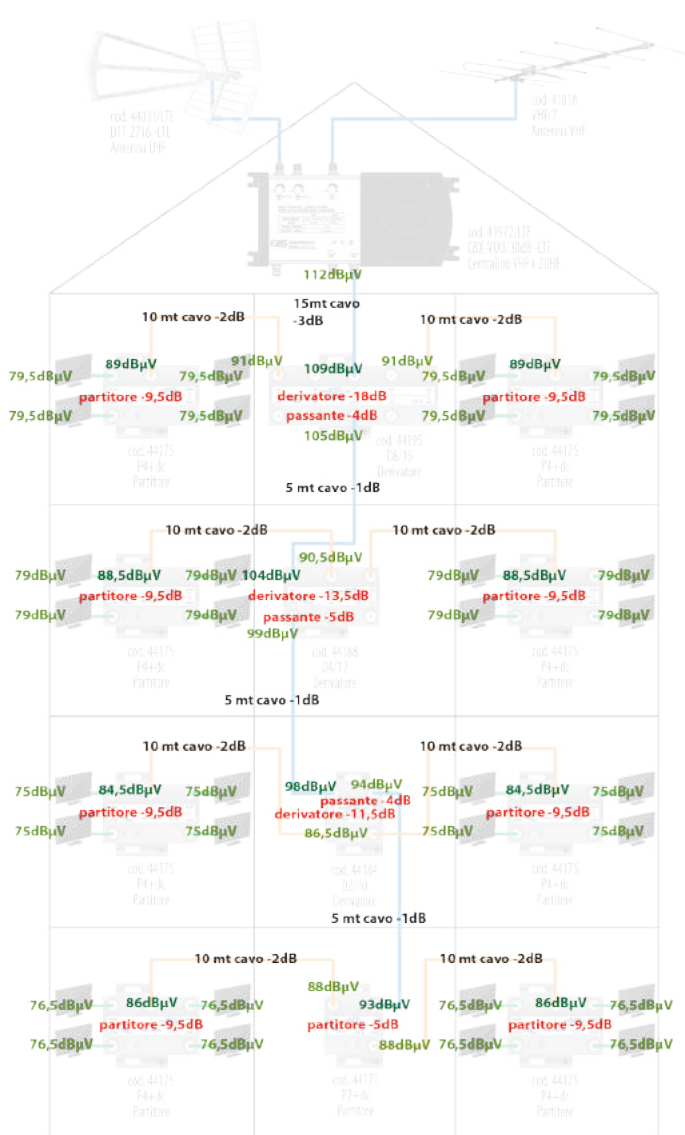
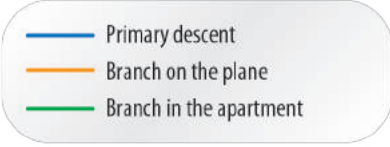
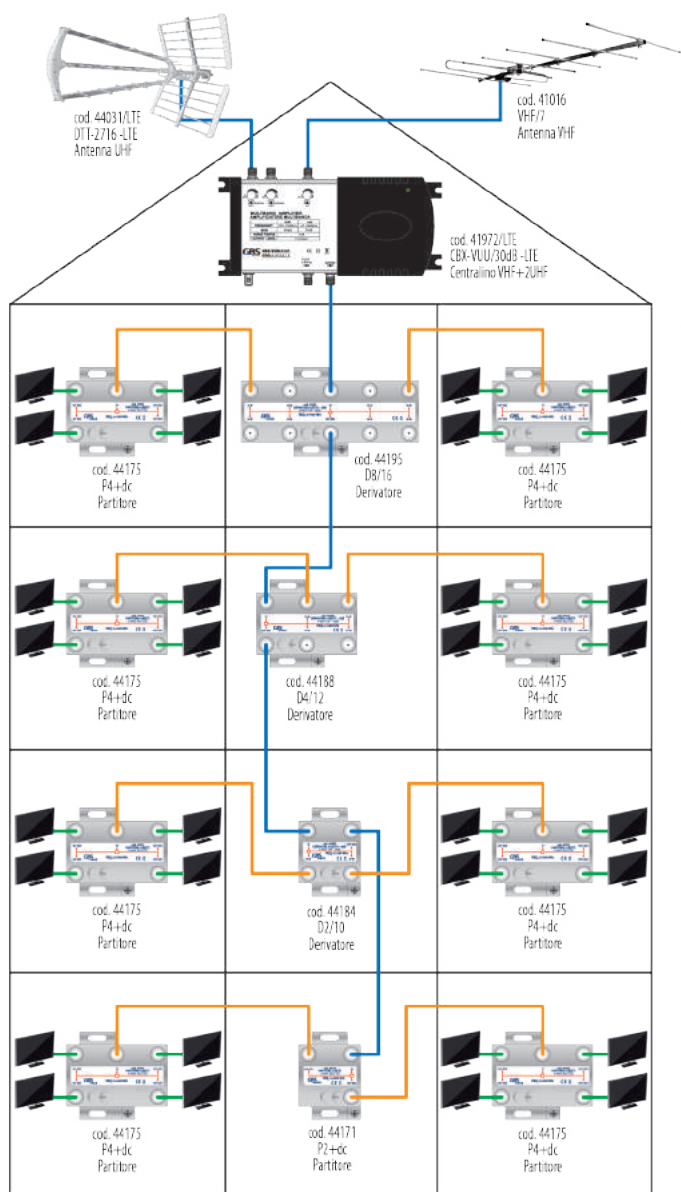


packaging dimensions 14 x 12 x 5 cm  
master carton packaging 24 pcs

Use Outdoor  
Frequency 5÷862 MHz  
Connector F  
Nr. inputs 1  
Normal outputs 3  
+cc outputs 1  
Transfer loss 4 dB  
Output separation 20 dB



# EXAMPLE OF SYSTEM FOR A 4-FLOOR BUILDING WITH 8 TOTAL APARTMENTS



This material list does not constitute a project that must be carried out by the authorized designer.

The sizing of the listed products is purely indicative as the choice depends exclusively on the type of signal you want to receive in the system construction area.



# VERTICAL SPLITTERS WITH F CONNECTOR

44171 P2+dc



Frequency	5÷2400 MHz
insertion loss dB	
5÷40 MHz	5
40÷470 MHz	5
470÷1000 MHz	5,5
1000÷1750 MHz	6
1750÷2050 MHz	6
2050÷2400 MHz	6,5

master carton packaging  
50 pcs

separation output-output dB 20  
DC passing from output to input (one-way)  
Connector F  
Nr. inputs 1  
Outputs 2



44173 P3+dc



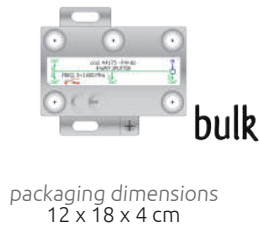
Frequency	5÷2400 MHz
insertion loss dB	
5÷40 MHz	7,5
40÷470 MHz	7,5
470÷1000 MHz	8
1000÷1750 MHz	10
1750÷2050 MHz	10
2050÷2400 MHz	11

master carton packaging  
50 pcs

separation output-output dB 20  
DC passing from output to input (one-way)  
Connector F  
Nr. inputs 1  
Outputs 3



44175 P4+dc



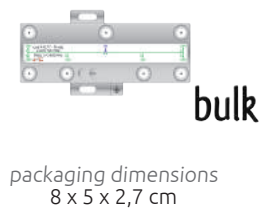
Frequency	5÷2400 MHz
insertion loss dB	
5÷40 MHz	9,5
40÷470 MHz	9,5
470÷1000 MHz	11
1000÷1750 MHz	12
1750÷2050 MHz	12
2050÷2400 MHz	12

master carton packaging  
50 pcs

separation output-output dB 20  
DC passing from output to input (one-way)  
Connector F  
Nr. inputs 1  
Outputs 4



44177 P6+dc



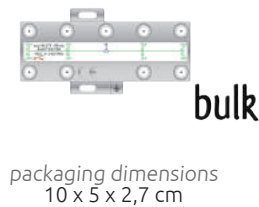
Frequency	5÷2400 MHz
insertion loss dB	
5÷40 MHz	11,5
40÷470 MHz	11,5
470÷1000 MHz	12
1000÷1750 MHz	15,5
1750÷2050 MHz	15,5
2050÷2400 MHz	16

master carton packaging  
50 pcs

separation output-output dB 20  
DC passing from output to input (one-way)  
Connector F  
Nr. inputs 1  
Outputs 6



44179 P8+dc



Frequency	5÷2400 MHz
insertion loss dB	
5÷40 MHz	13,5
40÷470 MHz	13,5
470÷1000 MHz	14
1000÷1750 MHz	17
1750÷2050 MHz	17
2050÷2400 MHz	17

master carton packaging  
50 pcs

separation output-output dB 20  
DC passing from output to input (one-way)  
Connector F  
Nr. inputs 1  
Outputs 8



## 44180 D1/10



**bulk**

packaging dimensions  
3,5 x 5 x 2,7 cm

Frequency 5÷2400 MHz

derivation loss dB	insertion loss dB
5÷40 MHz 11,5	5÷40 MHz 1,5
40÷470 MHz 11,5	40÷470 MHz 1,5
470÷1000 MHz 11,5	470÷1000 MHz 2
1000÷1750 MHz 12	1000÷1750 MHz 3
1750÷2050 MHz 12	1750÷2050 MHz 3
2050÷2400 MHz 12,5	2050÷2400 MHz 3

master carton packaging  
50 pcs

separation output-deri-  
ved dB 18

DC passing between  
input and loop-through  
output (bidirectional)

Connector F

Nr. inputs 1

Outputs 1 + 1 loop-  
through



8 028626 44 180 1

## 44184 D2/10



**bulk**

packaging dimensions  
3,5 x 5 x 2,7 cm

Frequency 5÷2400 MHz

derivation loss dB	insertion loss dB
5÷40 MHz 11,5	5÷40 MHz 4
40÷470 MHz 11,5	40÷470 MHz 4
470÷1000 MHz 11,5	470÷1000 MHz 4,5
1000÷1750 MHz 12	1000÷1750 MHz 5
1750÷2050 MHz 12	1750÷2050 MHz 5,5
2050÷2400 MHz 12,5	2050÷2400 MHz 6

master carton packaging  
50 pcs

separation output-deri-  
ved dB 18

DC passing between  
input and loop-through  
output (bidirectional)

Connector F

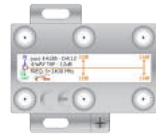
Nr. inputs 1

Outputs 2 + 1 loop-  
through



8 028626 44 184 9

## 44188 D4/12



**bulk**

packaging dimensions  
6 x 5 x 2,7 cm

Frequency 5÷2400 MHz

derivation loss dB	insertion loss dB
5÷40 MHz 13,5	5÷40 MHz 5
40÷470 MHz 13,5	40÷470 MHz 5
470÷1000 MHz 13,5	470÷1000 MHz 5
1000÷1750 MHz 14	1000÷1750 MHz 5,5
1750÷2050 MHz 14,5	1750÷2050 MHz 5,5
2050÷2400 MHz 15	2050÷2400 MHz 6

master carton packaging  
50 pcs

separation output-deri-  
ved dB 18

DC passing between  
input and loop-through  
output (bidirectional)

Connector F

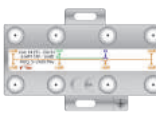
Nr. inputs 1

Outputs 4 + 1 loop-  
through



8 028626 44 188 7

## 44192 D6/16



**bulk**

packaging dimensions  
12 x 18 x 4 cm

Frequency 5÷2400 MHz

derivation loss dB	insertion loss dB
5÷40 MHz 17,5	5÷40 MHz 5
40÷470 MHz 17,5	40÷470 MHz 5
470÷1000 MHz 17,5	470÷1000 MHz 5
1000÷1750 MHz 18	1000÷1750 MHz 5,5
1750÷2050 MHz 18,5	1750÷2050 MHz 5,5
2050÷2400 MHz 19	2050÷2400 MHz 6

master carton packaging  
50 pcs

separation output-deri-  
ved dB 18

DC passing between  
input and loop-through  
output (bidirectional)

Connector F

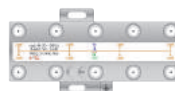
Nr. inputs 1

Outputs 6 + 1 loop-  
through



8 028626 44 192 4

## 44195 D8/16



**bulk**

packaging dimensions  
10 x 5 x 2,7 cm

Frequency 5÷2400 MHz

derivation loss dB	insertion loss dB
5÷40 MHz 18	5÷40 MHz 4
40÷470 MHz 18	40÷470 MHz 4
470÷1000 MHz 18	470÷1000 MHz 4
1000÷1750 MHz 18,5	1000÷1750 MHz 4,5
1750÷2050 MHz 19	1750÷2050 MHz 5
2050÷2400 MHz 19,5	2050÷2400 MHz 5,5

master carton packaging  
50 pcs

separation output-deri-  
ved dB 18

DC passing between  
input and loop-through  
output (bidirectional)

Connector F

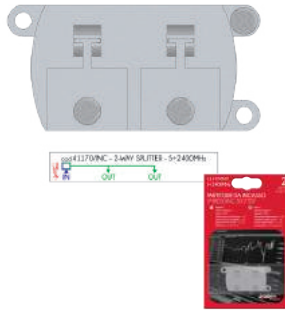
Nr. inputs 1

Outputs 8 + 1 loop-  
through



8 028626 44 195 5

## 41170/INC PI2



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

**Use** Built-in

**Frequency** 5÷2400 MHz

**Connector** Standard/screw

**Nr. inputs** 1

**Normal outputs** 2

**+cc outputs** -

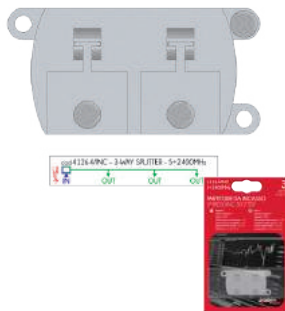
**Earth attenuation** 4 dB

**Satellite attenuation** 5 dB

**Output separation** > 25 dB



## 41264/INC PI3



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

**Use** Built-in

**Frequency** 5÷2400 MHz

**Connector** Standard/screw

**Nr. inputs** 1

**Normal outputs** 3

**+cc outputs** -

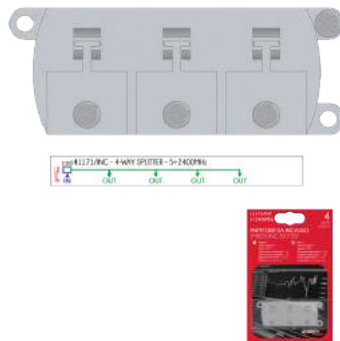
**Earth attenuation** 6 dB

**Satellite attenuation** 8 dB

**Output separation** > 28 dB



## 41171/INC PI4



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

**Use** Built-in

**Frequency** 5÷2400 MHz

**Connector** Standard/screw

**Nr. inputs** 1

**Normal outputs** 4

**+cc outputs** -

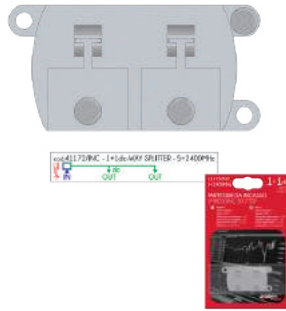
**Earth attenuation** 9 dB

**Satellite attenuation** 12 dB

**Output separation** > 31 dB



41172/INC PI1+1

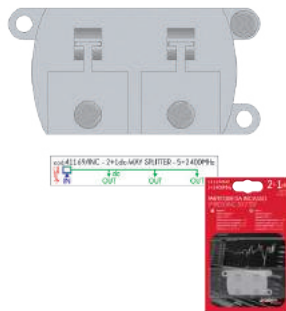


packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

- Use Built-in
- Frequency 5÷2400 MHz
- Connector Standard/screw
- Nr. inputs 1
- Normal outputs 1
- +cc outputs 1
- Earth attenuation 4 dB
- Satellite attenuation 5 dB
- Output separation > 25 dB



41169/INC PI2+1



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

- Use Built-in
- Frequency 5÷2400 MHz
- Connector Standard/screw
- Nr. inputs 1
- Normal outputs 2
- +cc outputs 1
- Earth attenuation 6 dB
- Satellite attenuation 8 dB
- Output separation > 28 dB



41174/INC PI3+1



packaging dimensions 12 x 18 x 4 cm  
master carton packaging 50 pcs

- Use Built-in
- Frequency 5÷2400 MHz
- Connector Standard/screw
- Nr. inputs 1
- Normal outputs 3
- +cc outputs 1
- Earth attenuation 9 dB
- Satellite attenuation 12 dB
- Output separation > 31 dB



## 41170-B PTI/2



packaging dimensions 12 x 18 x 3 cm  
master carton packaging 120 pcs

**Use** Built-in

**Frequency** 40÷862 MHz

**Connector** Standard/screw

**Nr. inputs** 1

**Normal outputs** 2

**Transfer loss** 2 dB

**Output separation** 20 dB



## 41264-B PTI/3



packaging dimensions 12 x 18 x 3 cm  
master carton packaging 120 pcs

**Use** Built-in

**Frequency** 40÷862 MHz

**Connector** Standard/screw

**Nr. inputs** 1

**Normal outputs** 3

**Transfer loss** 4 dB

**Output separation** 20 dB



## 41171-B PTI/4



packaging dimensions 12 x 18 x 3 cm  
master carton packaging 120 pcs

**Use** Built-in

**Frequency** 40÷862 MHz

**Connector** Standard/screw

**Nr. inputs** 1

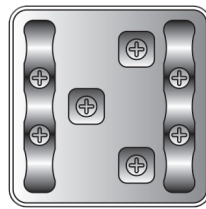
**Normal outputs** 4

**Transfer loss** 6 dB

**Output separation** 20 dB



41172-B P2+CC



packaging dimensions 13 x 17 x 5 cm  
master carton packaging 120 pcs

Use Built-in  
Frequency 40÷862 MHz  
Connector Standard/screw  
Nr. inputs 1  
Normal outputs 1  
+cc outputs 1  
Transfer loss 2 dB  
Output separation 20 dB



41169-B P3+CC



packaging dimensions 13 x 17 x 5 cm  
master carton packaging 120 pcs

Use Built-in  
Frequency 40÷862 MHz  
Connector Standard/screw  
Nr. inputs 1  
Normal outputs 2  
+cc outputs 1  
Transfer loss 4 dB  
Output separation 20 dB



41174-B P4+CC



packaging dimensions 13 x 17 x 5 cm  
master carton packaging 120 pcs

Use Built-in  
Frequency 40÷862 MHz  
Connector Standard/screw  
Nr. inputs 1  
Normal outputs 3  
+cc outputs 1  
Transfer loss 6 dB  
Output separation 20 dB



# POWER SUPPLY AND AMPLIFIER COMPARATIVE TABLE

## Power supply

Code	Model	Outputs	Mains voltage	Output voltage	Max current	Attenuation	Connector	Led	Box	Plus
41046	AL/150-2U	2	230 Vac	+12 Vdc	150 mA	4 dB	F	√	color box	
41047	AL/200-2U	2	230 Vac	+12 Vdc	200 mA	4 dB	F	√	color box	
41048	AL/200-1	1	230 Vac	+12 Vdc	200 mA	4 dB	F	√	color box	
41049	AL/300-1 switching	1	230 Vac	+12 Vdc	300 mA	4 dB	F	√	color box	switching
41050	AL/450-1 switching	1	230 Vac	+12 Vdc	450 mA	4 dB	F	√	color box	switching

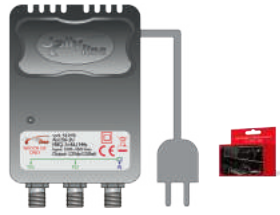
## Indoor amplifier

Code	Model	Frequency	Filter	Conn.	VHF band	UHF band	Out	Max output	Power supply	Plus
41160	AMS2/RF LTE switching	40÷240 MHz 470÷790 MHz	LTE	F	10÷25 dB		1	108 dBμV	230 Vac	switching
41163	AMS2/RF 2U LTE switching	40÷240 MHz 470÷790 MHz	LTE	F	10÷25 dB	15÷30 dB	2	108 dBμV	230 Vac	switching
44166/LTE	AMS2/RF4u LTE	40÷240 MHz 470÷790 MHz	LTE	F	0÷15 dB	12÷25 dB	4	108 dBμV	230 Vac	

## Outdoor amplifier

Code	Model	Frequency	Filter	Con	III° band	VHF band	IV° band	V° band	UHF band UHF2 band	Out	Max output	Power supply
44097/LTE	AV2/U2 -LTE	40÷240 MHz 470÷790 MHz	LTE	F		MIX			20 dB 12 dB	1	107 dBμV	+12 Vdc
44112/LTE	AV3/U2 -LTE	47÷232 MHz 470÷790 MHz	LTE	F		MIX			30 dB 22 dB	1	107 dBμV	+12 Vdc
44276/LTE	LBR2/UHF -LTE	470÷790 MHz	LTE	F					10÷25 dB	1	107 dBμV	+12 Vdc
44116/LTE	LOG-1 -LTE	174÷232 MHz 470÷790 MHz	LTE	F	10 dB				10 dB	1	107 dBμV	+12 Vdc
44119/LTE	LOG-2 -LTE	174÷232 MHz 470÷790 MHz	LTE	F	20 dB				20 dB	1	107 dBμV	+12 Vdc
44277/LTE	LBR2/LG -LTE	174÷232 MHz 470÷790 MHz	LTE	F	0÷12 dB				7÷22 dB	1	107 dBμV	+12 Vdc
44278/LTE	LBR2/LG-2OUT -LTE	174÷232 MHz 470÷790 MHz	LTE	F	0÷12 dB				7÷22 dB	2	107 dBμV	+12 Vdc
44279/LTE	LBR2/LGU -LTE	174÷232 MHz 470÷790 MHz	LTE	F	0÷12 dB				5÷20 dB 7÷22 dB	1	107 dBμV	+12 Vdc
44241/LTE	LBR3/LG -LTE	174÷232 MHz 470÷790 MHz	LTE	F	0÷18 dB				12÷32 dB	1	107 dBμV	+12 Vdc
44441/LTE	LBR3-LG/2U -LTE	174÷232 MHz 470÷790 MHz	LTE	F	5÷20 dB				15÷30 dB	1+1dc	107 dBμV	+12 Vdc
44485/LTE	LBR3-LG-U/2U -LTE	47÷232 MHz 470÷790 MHz	LTE	F		3÷18 dB			15÷30 dB 15÷30 dB	1+1dc	107 dBμV	+12 Vdc
44596/LTE	NSR3/VU -LTE	47÷232 MHz 470÷790 MHz	LTE	F		0÷15 dB			10÷25 dB	1	107 dBμV	+12 Vdc
44534/LTE	NSR4/VU -LTE	47÷232 MHz 470÷790 MHz	LTE	F		9÷24 dB			19÷34 dB	1dc	107 dBμV	+12 Vdc
44597/LTE	NSR3/VU2 -LTE	45÷232 MHz 470÷790 MHz	LTE	F		3÷18 dB			7÷22 dB 7÷22 dB	1dc	107 dBμV	+12 Vdc
44535/LTE	NSR4/VU2 -LTE	45÷232 MHz 470÷790 MHz	LTE	F		5÷20 dB			17÷32 dB 17÷32 dB	1	107 dBμV	+12 Vdc
44697/LTE	NSR3/VU2-2OUT -LTE	45÷232 MHz 470÷790 MHz	LTE	F		0÷20 dB			0÷20 dB 0÷20 dB	1+1dc	107 dBμV	+12 Vdc
44635/LTE	NSR4/VU2-2OUT -LTE	45÷232 MHz 470÷790 MHz	LTE	F		2÷22 dB			10÷30 dB 10÷30 dB	1+1dc	107 dBμV	+12 Vdc
44537/LTE	NSR3/VU45 -LTE	45÷232 MHz 470÷590 MHz 45÷232 MHz 470÷790 MHz	LTE	F		5÷20 dB	5÷20 dB	5÷20 dB	5÷20 dB	1dc	107 dBμV	+12 Vdc
44532/LTE	NSR4/VU45 -LTE	45÷232 MHz 470÷790 MHz	LTE	F		5÷20 dB	17÷32 dB	17÷32 dB	17÷32 dB	1dc	107 dBμV	+12 Vdc
44128/LTE	CST/UV45 -LTE	45÷232 MHz 470÷590 MHz 45÷232 MHz 470÷790 MHz	LTE	F		5÷20 dB	17÷32 dB	17÷32 dB	17÷32 dB	1	107 dBμV	+12 Vdc
44129/LTE	CST/VU2-2OUT -LTE	45÷232 MHz 470÷790 MHz	LTE	F		7÷22 dB			27÷42 dB 17÷32 dB	2	107 dBμV	+12 Vdc

41046 AL/150-2U



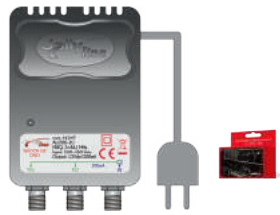
packaging dimensions  
12 x 9 x 5 cm

Connector F  
Outputs 2  
Insertion loss 4 dB  
Mains voltage 230 V  
Output voltage 12 V +  
Max current 150 mA  
LED Ok

master carton packaging 50 pcs



41047 AL/200-2U



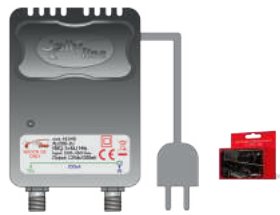
packaging dimensions  
12 x 9 x 5 cm

Connector F  
Outputs 2  
Insertion loss 4 dB  
Mains voltage 230 V  
Output voltage 12 V +  
Max current 200 mA  
LED Ok

master carton packaging 50 pcs



41048 AL/200-1U



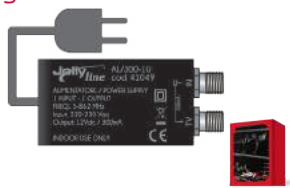
packaging dimensions  
12 x 9 x 5 cm

Connector F  
Outputs 1  
Insertion loss 4 dB  
Mains voltage 230 V  
Output voltage 12 V +  
Max current 200 mA  
LED Ok

master carton packaging 50 pcs



41049 AL/300-1U switching



packaging dimensions  
7 x 11 x 4 cm

Connector F  
Outputs 1  
Insertion loss 4 dB  
Mains voltage 230 V  
Output voltage 12 V +  
Max current 300 mA  
LED Ok

master carton packaging 100 pcs



41050 AL/450-1U switching



packaging dimensions  
7 x 11 x 4 cm

Connector F  
Outputs 1  
Insertion loss 4 dB  
Mains voltage 230 V  
Output voltage 12 V +  
Max current 450 mA  
LED Ok

master carton packaging 100 pcs





**41160 AMS2/RF LTE switching**



packaging dimensions 12 x 9 x 5 cm  
master carton packaging 50 pcs

**Frequency** VHF: 40÷240 MHz **Power supply** 220-230  
UHF: 470÷790 MHz Vac/50 Hz

**Filter** LTE: 791÷862 MHz

**Connector** F

**VHF+UHF band** 10÷25 dB

**Outputs** 1

**Insertion loss** LTE: < 20dB

**Max output** 108 dBμV

**Consumption** 45 mA

**Noise figure** 4÷5 dB

**Impedance** 75 Ohm



**41163 AMS2/RF 2U LTE switching**



packaging dimensions 12 x 9 x 5 cm  
master carton packaging 50 pcs

**Frequency** VHF: 40÷240 MHz **Power supply** 220-230  
UHF: 470÷790 MHz Vac/50 Hz

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 15÷30 dB

**VHF band** 10÷25 dB

**Outputs** 2

**Insertion loss** LTE: < 20dB

**Max output** 108 dBμV

**Consumption** 45 mA

**Noise figure** 4÷5 dB

**Impedance** 75 Ohm



**44166/LTE AMS2/RF4u -LTE**



packaging dimensions 12 x 9 x 5 cm  
master carton packaging 20 pcs

**Frequency** VHF: 40÷240 MHz **Power supply** 220-230  
UHF: 470÷790 MHz Vac/50 Hz

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 10÷25 dB

**VHF band** 0÷15 dB

**Outputs** 4

**Insertion loss** LTE: < 20 dB

**Max output** 108 dBμV

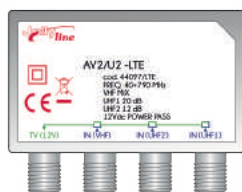
**Consumption** 45 mA

**Noise figure** 4÷5 dB

**Impedance** 75 Ohm



## 44097/LTE AV2/U2 -LTE



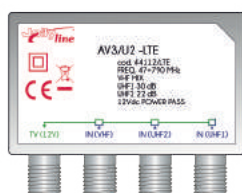
packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency VHF: 40÷240 MHz Impedance 75 Ohm  
UHF: 470÷790 MHz Power supply 12 Vdc

Filter LTE: 791÷862 MHz  
Connector F  
UHF band 20 dB  
UHF 2 band 12 dB  
VHF band MIX  
Outputs 1  
Insertion loss LTE: < 20 dB  
Max output 107 dBμV  
Consumption 40 mA  
Noise figure 4 dB



## 44112/LTE AV3/U2 -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency VHF: 47÷232 MHz Impedance 75 Ohm  
UHF: 470÷790 MHz Power supply 12 Vdc

Filter LTE: 791÷862 MHz  
Connector F  
UHF band 30 dB  
UHF 2 band 22 dB  
VHF band MIX  
Outputs 1  
Insertion loss LTE: < 20 dB  
Max output 107 dBμV  
Consumption 70 mA  
Noise figure 4 dB



## UHF AMPLIFIERS WITH LTE FILTER

## 44276/LTE LBR2/UHF -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency 470÷790 MHz  
Filter LTE: 791÷862 MHz  
Connector F  
UHF band 10÷25 dB  
Outputs 1  
Insertion loss LTE: < 20 dB  
Max output 107 dBμV  
Consumption 60 mA  
Noise figure 4 dB  
Impedance 75 Ohm  
Power supply 12 Vdc



# "LOG" SERIES AMPLIFIERS WITH LTE FILTER

## 44116/LTE LOG-1 -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency III<sup>o</sup>: 174÷232 MHz Power supply 12 Vdc  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 3 10 dB

UHF band 10 dB

Outputs 1

Insertion loss LTE: < 20 dB

Max output 107 dBμV

Consumption 40 mA

Noise figure 4 dB

Impedance 75 Ohm



## 44119/LTE LOG-2 -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency III<sup>o</sup>: 174÷232 MHz Power supply 12 Vdc  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 3 20 dB

UHF band 20 dB

Outputs 1

Insertion loss LTE: < 20 dB

Max output 107 dBμV

Consumption 40 mA

Noise figure 4 dB

Impedance 75 Ohm



## 44277/LTE LBR2/LG -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency III<sup>o</sup>: 174÷232 MHz Power supply 12 Vdc  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 3 0÷12 dB

UHF band 7÷22 dB

Outputs 1

Insertion loss LTE: < 20 dB

Max output 107 dBμV

Consumption 60 mA

Noise figure 4 dB

Impedance 75 Ohm



## 44278/LTE LBR2/LG-2OUT -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

Frequency III<sup>o</sup>: 174÷232 MHz Power supply 12 Vdc  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 3 0÷12 dB

UHF band 7÷22 dB

Outputs 2

Insertion loss LTE: < 20 dB

Max output 107 dBμV

Consumption 60 mA

Noise figure 4 dB

Impedance 75 Ohm



**44279/LTE LBR2/LGU -LTE**



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** III<sup>o</sup>: 174÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band 3** 0÷12 dB  
**UHF band 5** ÷20 dB  
**UHF 2 band 7** ÷22 dB  
**Outputs** 1  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 85 mA  
**Noise figure** 4 dB



**44241/LTE LBR3/LG -LTE**



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

**Frequency** III<sup>o</sup>: 174÷232 MHz **Power supply** 12 Vdc  
UHF: 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band 3** 0÷18 dB  
**UHF band 12** ÷32 dB  
**Outputs** 1  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 85 mA  
**Noise figure** 5 dB  
**Impedance** 75 Ohm



**44441/LTE LBR3-LG/2U -LTE**



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

**Frequency** III<sup>o</sup>: 174÷232 MHz **Power supply** 12 Vdc  
UHF: 470÷790 MHz  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band 3** 5÷20 dB  
**UHF band 15** ÷30 dB  
**Outputs** 1 + 1 dc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 85 mA  
**Noise figure** 5 dB  
**Impedance** 75 Ohm



**44485/LTE LBR3-LG-U/2U -LTE**



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 47÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**UHF band 15** ÷30 dB  
**UHF 2 band 15** ÷30 dB  
**VHF band 3** ÷18 dB  
**Outputs** 1 + 1 dc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 90 mA  
**Noise figure** 5 dB



# "NSR" SERIES AMPLIFIERS WITH LTE FILTER

## 44596/LTE NSR3/VU -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

**Frequency** VHF: 47÷232 MHz **Power supply** 12 Vdc  
UHF: 470÷790 MHz

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 10÷25 dB

**VHF band** 0÷15 dB

**Outputs** 1

**Insertion loss** LTE: < 20 dB

**Max output** 107 dBμV

**Consumption** 90 mA

**Noise figure** 5 dB

**Impedance** 75 Ohm



## 44534/LTE NSR4/VU -LTE



packaging dimensions 10 x 12 x 6 cm  
master carton packaging 25 pcs

**Frequency** VHF: 47÷232 MHz **Power supply** 12 Vdc  
UHF: 470÷790 MHz

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 19÷34 dB

**VHF band** 9÷24 dB

**Outputs** 1 dc

**Insertion loss** LTE: < 20 dB

**Max output** 107 dBμV

**Consumption** 90 mA

**Noise figure** 5 dB

**Impedance** 75 Ohm



## 44597/LTE NSR3/VU2 -LTE



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz

**Power supply** 12 Vdc

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 7÷22 dB

**UHF 2 band** 7÷22 dB

**VHF band** 3÷18 dB

**Outputs** 1 dc

**Insertion loss** LTE: < 20 dB

**Max output** 107 dBμV

**Consumption** 90 mA

**Noise figure** 5 dB



## 44535/LTE NSR4/VU2 -LTE



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz

**Power supply** 12 Vdc

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 17÷32 dB

**UHF 2 band** 17÷32 dB

**VHF band** 5÷20 dB

**Outputs** 1

**Insertion loss** LTE: < 20 dB

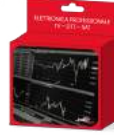
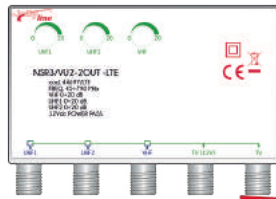
**Max output** 107 dBμV

**Consumption** 90 mA

**Noise figure** 5 dB



**44697/LTE NSR3/VU2-2OUT -LTE**

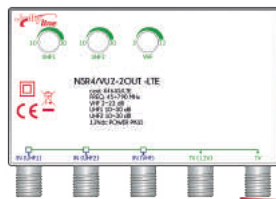


packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**UHF band** 0÷20 dB  
**UHF 2 band** 0÷20 dB  
**VHF band** 0÷20 dB  
**Outputs** 1 + 1 cc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 85 mA  
**Noise figure** 5 dB



**44635/LTE NSR4/VU2-2OUT -LTE**

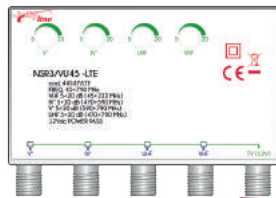


packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**UHF band** 10÷30 dB  
**UHF 2 band** 10÷30 dB  
**VHF band** 2÷22 dB  
**Outputs** 1 + 1 cc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV  
**Consumption** 85 mA  
**Noise figure** 5 dB



**44537/LTE NSR3/VU45 -LTE**

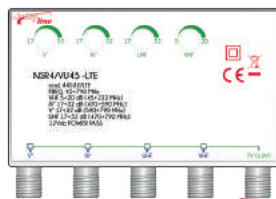


packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Consumption** 90 mA  
IV°: 470÷590 MHz **Noise figure** 5 dB  
V°: 590÷790 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band 4** 5÷20 dB  
**Band 5** 5÷20 dB  
**UHF band** 5÷20 dB  
**VHF band** 5÷20 dB  
**Outputs** 1 dc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV



**44532/LTE NSR4/VU45 -LTE**



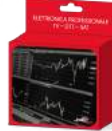
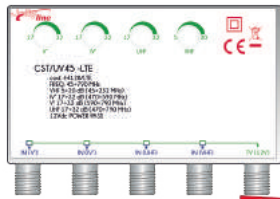
packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz **Consumption** 90 mA  
IV°: 470÷590 MHz **Noise figure** 5 dB  
V°: 590÷790 MHz **Impedance** 75 Ohm  
UHF: 470÷790 MHz **Power supply** 12 Vdc  
**Filter** LTE: 791÷862 MHz  
**Connector** F  
**Band 4** 17÷32 dB  
**Band 5** 17÷32 dB  
**UHF band** 17÷32 dB  
**VHF band** 5÷20 dB  
**Outputs** 1 dc  
**Insertion loss** LTE: < 20 dB  
**Max output** 107 dBμV



# "CST" SERIES MAST MINI-HEADENDS WITH LTE FILTER

## 44128/LTE CST/UV45 -LTE



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz  
 IV<sup>o</sup>: 470÷590 MHz  
 V<sup>o</sup>: 590÷790 MHz  
 UHF: 470÷790 MHz  
**Consumption** 90 mA  
**Noise figure** 5 dB  
**Impedance** 75 Ohm  
**Power supply** 12 Vdc

**Filter** LTE: 791÷862 MHz

**Connector** F

**Band 4** 17÷32 dB

**Band 5** 17÷32 dB

**UHF band** 17÷32 dB

**VHF band** 5÷20 dB

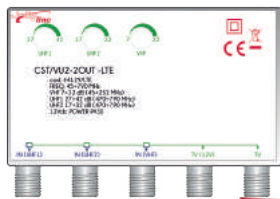
**Outputs** 1

**Insertion loss** LTE: < 20 dB

**Max output** 107 dBμV



## 44129/LTE CST/VU2-2OUT -LTE



packaging dimensions 14 x 12 x 5 cm  
master carton packaging 25 pcs

**Frequency** VHF: 45÷232 MHz  
 UHF1: 470÷790 MHz  
 UHF2: 470÷790 MHz  
**Noise figure** 5 dB  
**Impedance** 75 Ohm  
**Power supply** 12 Vdc

**Filter** LTE: 791÷862 MHz

**Connector** F

**UHF band** 27÷42 dB

**UHF 2 band** 17÷32 dB

**VHF band** 7÷22 dB

**Outputs** 2

**Insertion loss** LTE: < 20 dB

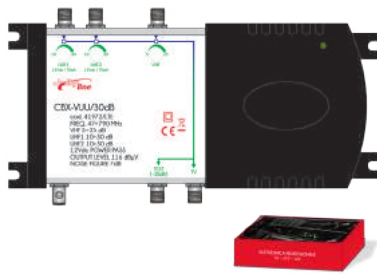
**Max output** 107 dBμV

**Consumption** 90 mA



# "CBX" SERIES WALL-MOUNTED HEADENDS WITH BUILT-IN POWER SUPPLY FOR 50 SOCKETS AND LTE FILTER

## 41972/LTE CBX-VUU/30dB -LTE



packaging dimensions 24 x 15 x 6 cm  
master carton packaging 10 pcs

Gain VHF: 25 dB  
UHF: 30 dB

Frequency VHF: 47÷230 MHz  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

UHF band 10÷30 dB

UHF 2 band 10÷30 dB

VHF band 5÷25 dB

Outputs 1 + 1 test (-30 dB)

Insertion loss LTE: < 20dB

Max output 116 dBμV

Noise figure 7 dB

Remote power feeding  
Automatic  
12 Vcc/70mA

Power supply 230 Vac



## 41973/LTE CBX-VUU/40dB -LTE



packaging dimensions 24 x 15 x 6 cm  
master carton packaging 10 pcs

Gain VHF: 30 dB  
UHF: 40 dB

Frequency VHF: 47÷230 MHz  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

UHF band 20÷40 dB

UHF 2 band 20÷40 dB

VHF band 10÷30 dB

Outputs 1 + 1 test (-40 dB)

Insertion loss LTE: < 20dB

Max output 123 dBμV

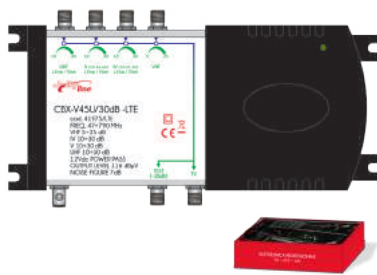
Noise figure 7 dB

Remote power feeding  
Automatic  
12 Vcc/70mA

Power supply 230 Vac



## 41975/LTE CBX-V45U/30dB -LTE



packaging dimensions 24 x 15 x 6 cm  
master carton packaging 10 pcs

Gain VHF: 25 dB  
IV°, V° e UHF: 30 dB

Frequency VHF: 47÷230 MHz  
IV°: 470÷590 MHz  
V°: 590÷790 MHz  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 4 10÷30 dB

Band 5 10÷30 dB

UHF band 10÷30 dB

VHF band 5÷25 dB

Outputs 1

Insertion loss LTE: < 20dB

Max output 116 dBμV

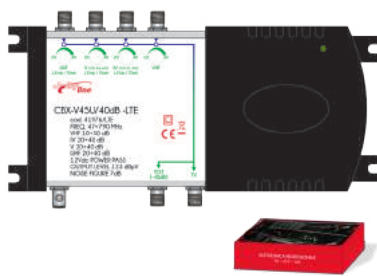
Noise figure 7 dB

Remote power feeding  
Automatic  
12 Vcc/70mA

Power supply 230 Vac



## 41976/LTE CBX-V45U/40dB -LTE



packaging dimensions 24 x 15 x 6 cm  
master carton packaging 10 pcs

Gain VHF: 30 dB  
IV°, V° e UHF: 40 dB

Frequency VHF: 47÷230 MHz  
IV°: 470÷590 MHz  
V°: 590÷790 MHz  
UHF: 470÷790 MHz

Filter LTE: 791÷862 MHz

Connector F

Band 4 20÷40 dB

Band 5 20÷40 dB

UHF band 20÷40 dB

VHF band 10÷30 dB

Outputs 1

Insertion loss LTE: < 20dB

Max output 123 dBμV

Noise figure 7 dB

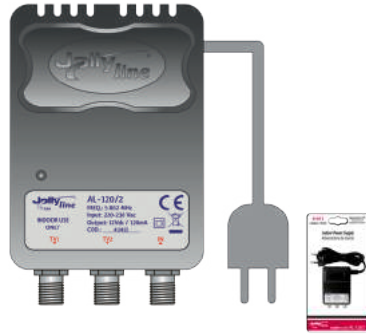
Remote power feeding  
Automatic  
12 Vcc/70mA

Power supply 230 Vac





41411 AL-120/2 DTT

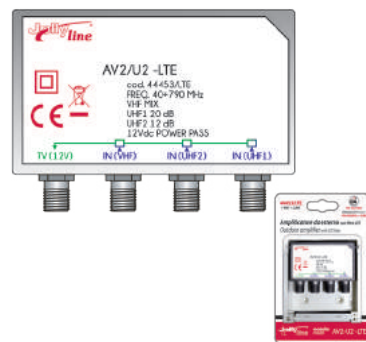


packaging dimensions 18 x 19 x 5 cm  
master carton packaging 24 pcs

- Connector F
- Outputs 2
- Insertion loss 4 dB
- Mains voltage 230 V
- Output voltage 12 V +
- Max current 120 mA
- LED Ok



44453/LTE AV2/U2 DTT -LTE

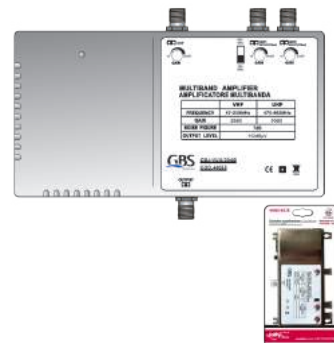


packaging dimensions 18 x 19 x 6 cm  
master carton packaging 24 pcs

- Frequency VHF: 40÷240 MHz
- UHF: 470÷790 MHz
- Impedance 75 Ohm
- Power supply 12 Vdc
- Filter LTE: 791÷862 MHz
- Connector F
- UHF band 20 dB
- UHF 2 band 12 dB
- VHF band MIX
- Outputs 1 dc
- Insertion loss LTE: < 20dB
- Max output 107 dBμV
- Consumption 50 mA
- Noise figure 4 dB



44065-B/LTE CBJ-VUU/30dB -LTE



packaging dimensions 14 x 26 x 6 cm  
master carton packaging 25 pcs

- Gain VHF: 25 dB
- UHF: 30 dB
- Frequency VHF: 47÷230 MHz
- UHF: 470÷790/862 MHz
- Filter LTE: 791÷862 MHz
- Connector F
- UHF band 15÷30 dB
- UHF 2 band 15÷30 dB
- VHF band 10÷25 dB
- Outputs 1
- Insertion loss LTE: < 20dB
- Max output 112 dBμV
- Noise figure 7 dB
- Remote power feeding Automatic
- 12 Vcc/70mA
- Power supply 230 Vac



# KONELCO AROUND THE WORLD



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