



Kit with autoprogrammable TV amplifier SMART AMP series

art. KIT7471L2 KIT SMART AMP - 1 IN - 5G



Kit consisting of n. 1 self-programmable SMART AMP amplifier, n. 1 power supply, n. 1 mast fixing accessory (for outdoor installation) and n. 1 wall fixing accessory for the amplifier (for indoor installation).

Suitable for the amplification of DTT signals in small and medium-sized TV systems. High performance channel filters (adjacent channel separation >35 dB) make it ideal in areas where signals are received from different directions and with different power levels.

Thanks to the intelligent self-programming, the amplifier does not need to be programmed in advance because, once installed on the TV system, it autonomously scans all the signals received by the inputs and automatically selects the signals to be amplified.

To force a channel scan, unpower and repower the amplifier within 4 seconds.

Amplifier with 1 VHF+UHF broadband input, amplified and equipped with AGC (Automatic Gain Control), and 1 output with equalized signal level at 90 dB μ V.

Cut off of 5G and 4G frequencies (694 ÷ 862 MHz), starting from E48 channel.

Amplifier realized in shielded housing with screw F-type connectors. Tilting case for quick installation.

Characteristics

- Intelligent self-programming: scan of all the signals received by the inputs and automatic selection of signals to be amplified
- Switch for converting double channels to 5G and 4G band
- High selectivity channel filters (> 35 dB on adjacent channels)
- Automatic Gain Control (AGC)
- Output signals all equalized at 90 dB μ V
- LED for indicating the presence of current

Code	KIT7471L2	
Item	KIT SMART AMP - 1 IN - 5G	
SMART AMP AMPLIFIER		
Suitable for TV systems with no. outlets	10 max	
No. of inputs	1	
Type of inputs	VHF+UHF	
Input frequency range	MHz	VHF: 174 ÷ 240 UHF: 470 ÷ 694
LTE band rejection (790 ÷ 862 MHz)	dB	> 40
Input sensitivity	dB μ V	40
No. of outputs	1	
Output power	dB μ V	90
Gain adjustment	AGC	
LTE band re-used for double channels conversion	MHz	694 ÷ 862
Adjacent channel isolation	dB	>35
Power supply (DC over coax on OUT connector)	12 Vdc - 250 mA	
Dimensions (LxWxH)	mm	112x55x100
Packaging dimensions (LxWxH)	mm	270x225x70
Packaging weight	Kg	0,619
Product weight	Kg	0,226
Fit temperature	°C	-20 ÷ +50
Compliant to	2014/53/UE, 2011/65/UE	
SUPPLIED POWER UNIT		
AC main tension	100 ÷ 230 V~ 50Hz	
Isolation class	II	
Power consumption	W	6,5
Supplied power	12 Vdc - 400 mA	
No. of inputs	1	
No. of outputs	2	
Connectors type	female screw F type	
Dimensions (LxWxH)	mm	72x35x100
Product weight	Kg	0,150

Example of application

