



Outdoor multiband amplifier 12V broadband inputs AC series

art. 28-084/40-42 AC30 V-4-5-U 12V

Outdoor multiband amplifier with broadband inputs, indicated for medium size TV systems.

This amplifier is designed to optimize the amplification of DTT signals in the range E05÷E12+E21÷E48, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

The two inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

Characteristics

- Shielded housing with screw F-type connectors
- Separate amplification for the VHF and UHF bands
- All broadband inputs are amplified
- Fixing accessory suitable for masts up to ø 60 mm included

Code	28-084/40-42	
Item	AC30 V-4-5-U 12V	
No. of inputs	4	
No. of adjustments (0÷20 dB)	4	
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dBμV	115
UHF band max output level*	dBμV	123
VHF input gain	dB ±2	32
4 input gain	dB ±2	33
5 input gain	dB ±2	34
UHF input gain	dB ±2	34
Absorbed current	mA	180
Supply voltage	Vdc	12
Dimensions (LxWxH)	mm	142x60x130
Packaging dimensions (LxWxH)	mm	145x60x140
Packaging weight	Kg	0,5
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives	2014/53/UE, 2011/65/UE	

* Tensione massima di uscita misurata con il metodo IM3 -35dBc 2 toni.
I dati tecnici sono riferiti alla temperatura di 25 °C

Example of application

