



Outdoor multiband amplifier 12V broadband inputs AM series

art. 28-050 AM30 V-U-U 12V

Outdoor multiband amplifier with broadband inputs, indicated for small/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 three inputs are so distributed:

- 1 VHF band input;
- 2 UHF band inputs.

Each input is equipped with a trimmer (0÷15 dB) as level regulator and a jumper to enable the remote power supply. The jumpers are located under the lid.



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	28-050	
Item	AM30 V-U-U 12V	
No. of inputs	3	
No. of adjustments (0÷15dB)	3	
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dBμV	110
UHF band max output level*	dBμV	117
VHF input gain	dB ±2	24
UHF inputs gain	dB ±2	29
Absorbed current	mA	100
Supply voltage	Vdc	12
Dimensions (LxWxH)	mm	87x48x105
Packaging dimensions (LxWxH)	mm	110x60x120
Packaging weight	Kg	0,21
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives	2014/53/UE, 2011/65/UE	

* Maximum output level measured with the method IM3 -35dBc 2 tones.

Technical data refer to a temperature of 25 °C

Example of application

