



## Outdoor multiband amplifier 12V broadband inputs AM series

### art. 28-050/2 AM30/2 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.

Equipped with two outputs.

#### 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	28-050/2	
Item	AM30/2 V-U-U 12V	
No. of inputs	3	
No. of outputs	2	
No. of adjustments (0÷15dB)	3	
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dBµV	106
UHF band max output level*	dBµV	113
VHF input gain	dB ±2	19
UHF inputs gain	dB ±2	26
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

