



## Outdoor multiband amplifier 12V broadband inputs AM series

### art. 28-048 AM30 V+U-U 12V

Outdoor multiband amplifier with broadband inputs, indicated for single or small 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+UHF band input;
- 1 UHF band input.

The UHF band input is equipped with a trimmer (0÷15 dB) as level regulator, while the VHF+UHF band input is equipped with 2 trimmers, one for the VHF band and another for the UHF band.

Each input is equipped with a jumper (under the lid) to enable the remote power supply.

#### 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	28-048	
Item	AM30 V+U-U 12V	
No. of inputs	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	110
UHF band max output level*	dBμV	117
VHF+UHF input gain	dB ±2	24-30
UHF input gain	dB ±2	30
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	EN 55083-2, EN 60065	

\* Maximum output level measured with the method IM3 -35dBc 2 tones.  
 Technical data refer to a temperature of 25 °C

#### Example of application

