



## Outdoor multiband amplifier 12V broadband inputs AM series

**art. 28-037**  
**AM20 V+4-5 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+4 band input;
- 1 band 5 input.

The band 5 input is equipped with a trimmer (0÷15 dB) as level regulator, while the VHF+4 band input is equipped with 2 resistive trimmers, one for the VHF band and another for the band 4.

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

Created with calibration on request. When ordering you must specify the last channel of the band 4 and the first of the band 5.

### 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	28-037
Item	AM20 V+4-5 12V
No. of inputs	2
No. of adjustments (0÷15dB)	3
VHF band noise figure	dB
UHF band noise figure	dB
VHF band max output level*	dBμV
UHF band max output level*	dBμV
VHF+4 input gain	dB ±2
5 input gain	dB ±2
Absorbed current	mA
Supply voltage	Vdc
Dimensions (LxWxH)	mm
Packaging dimensions (LxWxH)	mm
Packaging weight	Kg
Fit temperature	°C
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

