



Outdoor multiband amplifier 12V broadband inputs AM series

art. 28-038 AM20 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	28-038
Item	AM20 V+U-U 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+UHF input gain	dB ±2
UHF 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

