Data sheet







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.

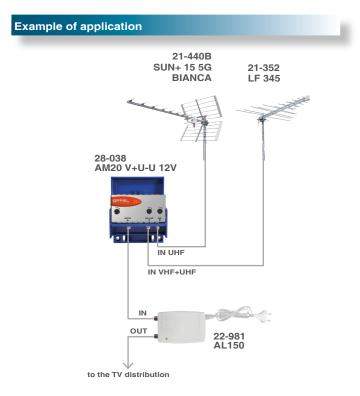
Each input is equipped with a jumper (under the lid) to enable the remote power supply.

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	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	110
UHF band max output level*	dΒμV	117
VHF+UHF input gain	dB ±2	22 - 25
UHF input gain	dB ±2	25
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

 $^{^{\}star}$ Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 $^{\circ}\text{C}$



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