



Outdoor multiband amplifier 12V broadband inputs AC series

art. 28-071
AC20 V-U 12V

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

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable 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	28-071	
Item	AC20 V-U 12V	
No. of inputs	2	
No. of adjustments (0÷20 dB)	2	
VHF band noise figure	dB	4
UHF band noise figure	dB	5
VHF band max output level*	dBμV	112
UHF band max output level*	dBμV	121
VHF input gain	dB ±2	22
UHF input gain	dB ±2	25
Absorbed current	mA	140
Supply voltage	Vdc	12
Dimensions (LxWxH)	mm	87x48x105
Packaging dimensions (LxWxH)	mm	110x60x120
Packaging weight	Kg	0,30
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

