Data sheet







Outdoor multiband amplifier 12V

broadband inputs AC series

art. 28-080 AC30 V-U-U 12V























Outdoor multiband amplifier with broadband inputs, indicated for medium 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 three inputs are so distributed:

- 1 VHF band input;
- 2 UHF band inputs.

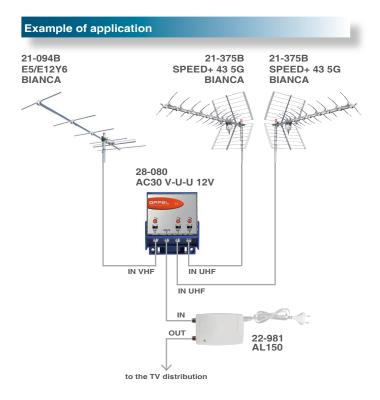
Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

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		28-080
Item		AC30 V-U-U 12V
No. of inputs		3
No. of adjustments (0÷20 dB)		3
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	115
UHF band max output level*	dΒμV	123
VHF input gain	dB ±2	34
UHF inputs gain	dB ±2	32
Absorbed current	mA	180
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

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



Rev. 2 09.2022

