



Outdoor multiband amplifier 12V broadband inputs AC series

art. 28-081
AC30 V-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 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 | 28-081 | |
|------------------------------|------------------------|------------|
| Item | AC30 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 | 115 |
| UHF band max output level* | dBμV | 123 |
| VHF input gain | dB ±2 | 34 |
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| 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 | |

* Maximum output level measured with the method IM3 -35dBc 2 tones.

Technical data refer to a temperature of 25 °C

Example of application

