



## Outdoor amplifier 12V broadband inputs UHF series

**art. 28-005**  
**UHF 1 12V**



Outdoor amplifier with broadband inputs, used in single dwelling, small TV systems or as a preamplifier in centralized TV systems.

This amplifier is designed to optimize the reception 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 amplified input (4+5 input) for reception of UHF band signals;
- 1 passive input for mixing of VHF band signals.

### Characteristics

- Shielded housing with screw F-type connectors
- Fixing accessory suitable for masts up to Ø 60 mm included

Code	28-005	
Item	UHF 1 12V	
No. of amplified inputs	1	
No. of passive inputs	1	
Noise figure	dB	4,5
Max output level*	dBµV	114
UHF input gain	dB ±1,5	15
MIX VHF input gain	dB ±1,5	-1,2
Absorbed current	mA	45
Power supply	Vdc	12
Dimensions (LxWxH)	mm	77x50x85
Packaging dimensions (LxWxH)	mm	100x90x54
Packaging weight	Kg	0,13
Fit temperature	°C	-10 ÷ +55
Compliant to	EN 55083-2, EN 60065	

\* Maximum output level measured with the method IM3 -35dBc 2 tones.  
Technical data refer to a temperature of 25 °C

### Example of application

