## Data sheet







## Outdoor multiband amplifier 12V broadband inputs AM series

## art. 28-055/34-36 AM30 V-4-5-U 12V

Outdoor multiband amplifier with broadband inputs, indicated for small/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 four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a trimmer  $(0 \div 15 \text{ dB})$  as level regulator and a jumper to enable the remote power supply. The jumpers are located under the lid.

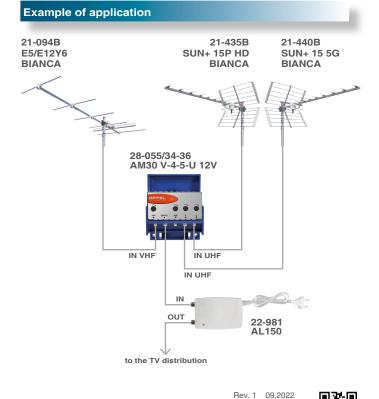
The band 4 includes up to E34 channel (582 MHz), while the band 5 includes from E36 channel to E48 channel (590 $\div$ 694 MHz).

## 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		28-055/34-36
Item		AM30 V-4-5-U 12V
No. of inputs		4
No. of adjustments (0÷15dB)		4
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dBµV	110
UHF band max output level*	dBµV	117
VHF input gain	dB ±2	24
4 input gain	dB ±2	29
5 input gain	dB ±2	29
UHF inputs gain	dB ±2	30
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

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



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