



## Outdoor multiband amplifier 12V broadband inputs AC series

**art. 24-120**  
**LC1/30 V+4+5**

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 VHF+4+5 input is equipped with a switch to enable remote power supply and 3 coaxial attenuators (0÷20 dB) as level regulator, one for the VHF band, one for the band 4 and another for the band 5.

Created with calibration on request. When ordering you must specify the last channel of the band 4 and the first of the band 5.



### Characteristics

- Components with a high quality standard
- 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		24-120
Item		LC1/30 V+4+5
No. of inputs		1
No. of adjustments (0÷20 dB)		3
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 band gain	dB ±2	34
Band 4 gain	dB ±2	34
Band 5 gain	dB ±2	34
Absorbed current	mA	180
Supply voltage	Vdc	12÷15
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

