



Outdoor multiband amplifier 12÷15V broadband inputs LC series

art. 24-048/40-42
LC4/20 V-4-5-U



Outdoor multiband amplifier with broadband inputs, indicated for small 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 band 4 input;
- 1 band 5 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.

The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

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	24-048/40-42	
Item	LC4/20 V-4-5-U	
No. of inputs	4	
No. of adjustments (0÷20 dB)	4	
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dBμV	112
UHF band max output level*	dBμV	121
VHF input gain	dB ±2	22
4 input gain	dB ±2	24
5 input gain	dB ±2	24
UHF input gain	dB ±2	26
Absorbed current	mA	100
Supply voltage	Vdc	12÷15
Dimensions (LxWxH)	mm	142x60x130
Packaging dimensions (LxWxH)	mm	145x60x140
Packaging weight	Kg	0,5
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives	2014/53/UE, 2011/65/UE	

* Tensione massima di uscita misurata con il metodo IM3 -35dBc 2 toni.
I dati tecnici sono riferiti alla temperatura di 25 °C

Example of application

