Data sheet









Outdoor multiband amplifier 12÷15V

broadband inputs LC series

art. 24-146/40-42 LC4/30 V-4-5-U



























Outdoor multiband amplifier with broadband inputs, indicated for medium size TV systems.

attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

This amplifier is designed to optimize the amplification of DTT signals in the range E05÷E12+E21÷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.

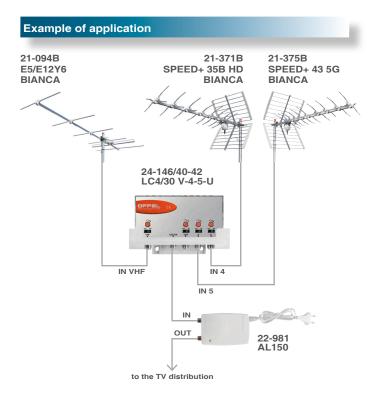
The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

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		24-146/40-42
Item		LC4/30 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*	dΒμV	115
UHF band max output level*	dΒμV	123
VHF input gain	dB ±2	32
4 input gain	dB ±2	33
5 input gain	dB ±2	34
UHF input gain	dB ±2	34
Absorbed current	mA	180
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



Rev. 1 09.2022

