



Outdoor multiband amplifier 12÷15V broadband and channel inputs LCK series

art. 24-100 LCK3/20 V-U-1Can.U



Outdoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, ideal to receive:

- from one direction, one UHF band channel;
- from a second direction, all UHF band channels except the one received on the other input.

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 three inputs are so distributed:

- 1 VHF band input;
- 1 UHF band input;
- 1 input for the reception of 1 UHF channel.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

When ordering you must specify the desired UHF channel.

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	24-100
Item	LCK3/20 V-U-1Can.U
No. of inputs	3
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 113
UHF band max output level*	dBμV 122
VHF input gain	dB ±2 22
UHF input gain	dB ±2 24
Channel input gain	dB ±2 24
Absorbed current	mA 140
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

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

Example of application

