Data sheet









Outdoor multiband amplifier 12÷15V

broadband and channel inputs LCK series

art. 24-110 LCK3/20 V-U-3Can.U

























Outdoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, ideal for those areas where the three Rai muxes are received from a different direction than the muxes of other broadcasters (e.g. AEDIASET, 3D-Free, La7, etc.).

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 input for the reception of 3 UHF channels;
- 1 UHF band input for the reception of all channels except the three received on the other input.

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 3 desired UHF channels.

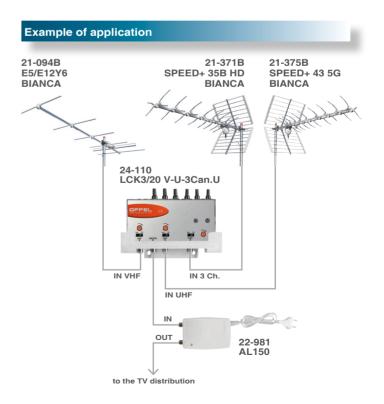
Characteristics

Offel s.r.l.

- 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		24-110
Item		LCK3/20 V-U-3Can.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*	dΒμV	113
UHF band max output level*	dΒμV	122
VHF input gain	dB ±2	22
UHF input gain	dB ±2	24
Channels 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



Rev 2 09 2022

