Data sheet

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

art. 24-102
LCK2/20 3+4+1Can.U-5

5G free
RED COMPLIANT
DTT
OUTDOOR
HIGH SHIELDING
CONN. F
REG.
max ø60 mm
20 dB
10 PRESE MAX
CE

Outdoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, ideal to receive:
- from one direction, the channels of band 3, band 4 plus one band 5 channel (e.g. ch. 40);
- from a second direction, all band 5 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 two inputs are so distributed:
- 1 band 3 + band 4 + 1 band UHF channel input;
- 1 band 5 input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply, with the exception of 3+4+1Can.U input which is equipped with three coaxial attenuators (1 for the band 3, 1 for the band 4 and 1 for the band 5 channel).

Created with calibration on request. When ordering you must specify:
- the last channel of the band 4 and the first of the band 5;
- the band 5 channel which you want to be included in 3+4+1Can.U input.

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		24-102
Item		LCK2/20 3+4+1Can.U-5
No. of inputs		2
No. of adjustments (0÷20 dB)		4
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
Band 3+4+Ch. gain	dB ±2	23 - 25 - 26
Band 5 gain	dB ±2	24
Absorbed current	mA	130
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

21-477B
COMBI TRE 5G
BIANCA

24-102
LCK2/20 3+4+1Can.U-5

21-375B
SPEED+ 43 5G
BIANCA

IN 3+4+1 Ch.

IN 5

IN

OUT

22-981
AL150

to the TV distribution