## Data sheet









## Indoor multiband amplifier

broadband and channel inputs MAK series

## art. 26-085 MAK3/20 V-U-3Can.U







Indoor 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. AMEDIASET, 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.













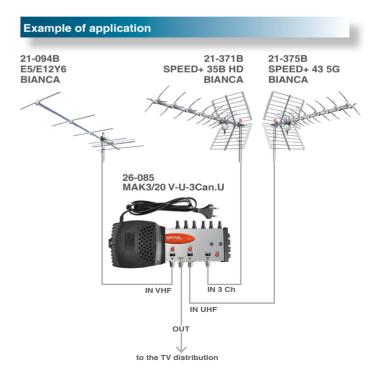


## **Characteristics**

- Components with a high quality standard
- Shielded housing with screw F-type connectors
- Protection system against short circuits with LED notification
- · All broadband and channel inputs are amplified
- Separate amplification for the VHF and UHF bands

Code		26-085
Item		MAK3/20 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	23
Channels input gain	dB ±2	20
Max delivered current	mA	100
Remote power supply	Vdc	12
Max power consumption	VA	16
AC main tension		230 V~ ±10% 50Hz
Isolation class		II
Dimensions (LxWxH)	mm	244x100x60
Packaging dimensions (LxWxH)	mm	255x110x68
Packaging weight	Kg	0,96
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives		2014/53/UE, 2011/65/UE

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



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