Data sheet









Indoor multiband amplifier

broadband and channel inputs MAK series

art. 26-084 MAK3/20 V-4+1Can.U-5

























Indoor multiband amplifier with broadband and channel inputs, indicated for small size TV systems, ideal

- from one direction, the channels of 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 three inputs are so distributed:

- 1 VHF band input;
- 1 band 4 + 1 band 5 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 4+1Can.U input which is equipped with two coaxial attenuators (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 4+1Can.U input.

Characteristics

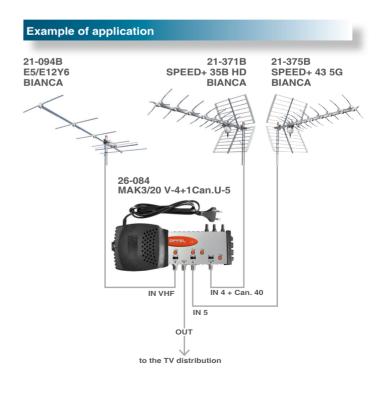
- Components with a high quality standard
- Shielded housing with screw F-type connectors
- Protection system against short circuits with LED notification

•	All broadband	and	channel	inputs	are	amplified

Separate amplification for the VHF and UHF bands

Code	26-084		
Item		MAK3/20 V-4+1Can.U-5	
No. of inputs		3	
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	
VHF input gain	dB ±2	22	
4+Can. input gain	dB ±2	22-22	
5 input gain	dB ±2	22	
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	

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



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