## Data sheet









### Indoor multiband amplifier

broadband and channel inputs MCK series

# art. 26-244 MCK3/30 V-U-4Can.U



Indoor multiband amplifier with broadband and channel inputs, indicated for medium size TV systems, ideal for those areas where the three Rai muxes and another channel (e.g. local network) are received from a different direction than the muxes of other broadcasters (e.g. & MEDIASET, 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 4 UHF channels;
- 1 UHF band input for the reception of all channels except the four 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 4 desired UHF channels.

230 V~

RED<sup>())</sup>











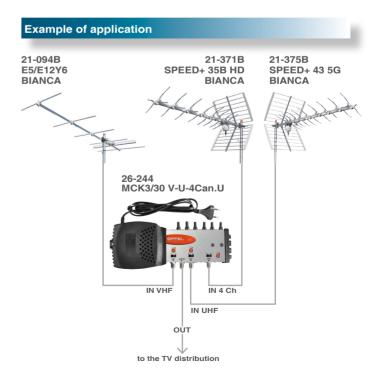
### **Characteristics**

Offel s.r.l.

- 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		26-244
Item		MCK3/30 V-U-4Can.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	115
UHF band max output level*	dΒμV	123
VHF input gain	dB ±2	33
UHF input gain	dB ±2	32
Channels input gain	dB ±2	30
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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