Data sheet







Indoor multiband amplifier

with high output level FUSION F series

art. 26-449/34-36 F4/40 V-4-5-U









Indoor multiband amplifier with high output level, with broadband inputs, indicated for medium/large size TV systems.

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.

Protection system against short circuits with LED notification. With four inputs, an output and a monitor output (- 30 dB).

The four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a coaxial attenuator for the gain adjustment (0÷20 dB) and a switch to enable remote power supply.

Shielded die-casting metal housing with screw F-type connectors.

The band 4 includes up to E34 channel (582 MHz), while the band 5 includes from E36 channel to E48 channel (590÷694 MHz).

REG.

230 V~







Characteristics

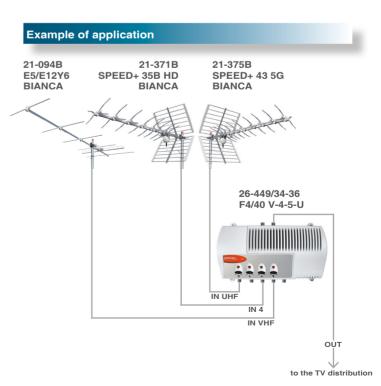
- · Components with a high quality standard
- High output level

Offel s.r.l.

Separate amplification for VHF and UHF bands

Code		26-449/34-36
Item		F4/40 V-4-5-U
N. of inputs		4
N. of adjustments		4
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	121
UHF band max output level*	dΒμV	127
VHF band gain	dB ±2	39
4 input gain	dB ±2	39
5 input gain	dB ±2	40
UHF band gain	dB ±2	41
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	245x150x50
Packaging dimensions (LxWxH)	mm	300x162x58
Packaging weight	Kg	1,37
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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