Data sheet



Made in Italy



In line amplifier with high output level FZ series

art. 25-220 FZ1/40

Indoor in line amplifier with high output level, indicated for 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.

With a protection system against short circuits with LED notification.

Realized into fully shielded die cast metal housing with F connectors.

With a single input, an output and a monitor output (- 30 dB).

Gain and tilt adjustments are realized with coaxial attenuators (0÷20 dB).

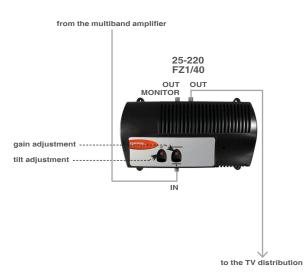
The amplification of the VHF and UHF bands is realized with single line.

Compatible with the signals for the return channel.



Code		25-220
Item		FZ1/40
No. of inputs		1
No. of coaxial attenuators (0÷20 dB)		2
Frequencies range	MHz	40÷694
Return channel	MHz	5÷30 ⁽¹⁾
Noise figure	dB	5
Max output level*	$dB\mu V$	131
Gain	dB ±2	40
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		EN 55083-2, EN 60065

Example of application



 $^{(1)}$ 5÷65 MHz version available on demand.

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

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