



## 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 <sup>(1)</sup>
Noise figure	dB	5
Max output level*	dBµV	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	

<sup>(1)</sup> 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

### Example of application

