



In line amplifier with high output level FZ series

**art. 25-210
FZ1/20**

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	25-210
Item	FZ1/20
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*	dBμV 131
Gain	dB ±2 20
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

⁽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

Example of application

