



In line amplifier with separate VHF-UHF amplification 1RX series

art. 25-160 1RX20

Indoor in line amplifier, indicated for big size TV systems, that allows to reamplify TV signals along a distribution line.

This amplifier is designed to amplify DTT signals in the range E05÷E12+E21÷E48, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

Realized into shielded housing with F connectors.

It is equipped with three coaxial attenuators (0÷20 dB) as level regulators and a switch to enable remote power supply. The 3 coaxial attenuators (0÷20 dB) are distributed as follows:

- 1 for VHF band
- 1 for band 4
- 1 for band 5.

Characteristics

- Components with a high quality standard
- Shielded housing with screw F-type connectors
- Separate amplification for the VHF and UHF bands



Code	25-160	
Item	1RX20	
No. of inputs	1	
No. of outputs	1	
No. of adjustments (0÷20 dB)	3	
Noise figure	dB	7
VHF band max output level*	dBμV	117
UHF band max output level*	dBμV	125
VHF band gain	dB ±2	23
Band 4 gain	dB ±2	23
Band 5 gain	dB ±2	23
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	200x100x60
Packaging dimensions (LxWxH)	mm	215x110x67
Packaging weight	Kg	0,89
Fit temperature	°C	-10 ÷ +55
Compliant to	EN 55083-2, EN 60065	

* Maximum output level measured with the method IM3 -35dBc 2 tones.

Technical data refer to a temperature of 25 °C

Example of application

