



## In line amplifier with separate VHF-UHF amplification 1TX series

**art. 25-060  
1TX20**

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 two coaxial attenuators (0÷20 dB) as level regulators and a switch to enable remote power supply. The 2 coaxial attenuators (0÷20 dB) are distributed as follows:

- 1 for VHF band
- 1 for UHF band.

### Characteristics

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



Code	25-060
Item	1TX20
No. of inputs	1
No. of outputs	1
No. of adjustments (0÷20 dB)	2
Noise figure dB	5
VHF band max output level* dBμV	117
UHF band max output level* dBμV	125
VHF band gain dB ±2	24
UHF band gain dB ±2	24
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	0,86
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

