



In line amplifier with separate VHF-UHF amplification 1T...2 ATT. series

art. 25-040
1T30 2 ATT.

Indoor in line amplifier, indicated for medium 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.

It is equipped with two coaxial attenuators (0÷20 dB) as level regulators, one for VHF band and the other for UHF band, and a switch to enable remote power supply.



Characteristics

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

Code	25-040
Item	1T30 2 ATT.
No. of inputs	1
No. of outputs	1
No. of adjustments (0÷20 dB)	2
VHF frequencies range	MHz 174÷230
UHF frequencies range	MHz 470÷694
Noise figure	dB 4
VHF band max output level*	dBμV 110
UHF band max output level*	dBμV 123
VHF band gain	dB ±2 30
UHF band gain	dB ±2 32
Max delivered current	mA 100
Remote power supply	Vdc 12
Max power consumption	W 5,5
AC main tension	230 V~ ±10% 50Hz
Isolation class	II
Dimensions (LxWxH)	mm 155x67x47
Packaging dimensions (LxWxH)	mm 163x100x52
Packaging weight	Kg 0,44
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

