



In line TV amplifier single line amplification AS series

art. 25-051
AS20 REG/2

Indoor in line amplifier with switching power supply, indicated for small 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 a trimmer (0÷15 dB) as level regulator and a switch to enable remote power supply.

Two outputs model, equipped with internal splitter to distribute the TV signals equally on two distribution lines.

Indoor product to be installed in a suitable place, free of moisture and with sufficient ventilation.



Characteristics

- Protection and recovery in the event of a short circuit
- Protection against overvoltage on the network
- Components with a high quality standard
- Shielded housing with screw F-type connectors
- Single line amplification for the 3 (VHF) and UHF bands
- Equipped with two outputs

Code	25-051	
Item	AS20 REG/2	
No. of inputs	1	
No. of outputs	2	
No. of adjustments (0÷15 dB)	1	
Frequencies range (3+U)	MHz	174 ÷ 694
Noise figure	dB	<3
Max output level*	dBμV	108
Gain	dB ±2	20
Max delivered current	mA	130
Remote power supply	Vdc	12
Max power consumption	VA	5,2
AC main tension	230 V~ ±10% 50Hz	
Isolation class	II	
Dimensions (LxWxH)	mm	113x57x35
Packaging dimensions (LxWxH)	mm	80x100x50
Packaging weight	Kg	0,179
Fit temperature	°C	0 ÷ +55
Compliant to	2014/53/UE 2011/65/UE (RoHS II)	
Compliant to	EN 62368-1:2014 EN 50083-2:2012 EN 303354:2017 EN 50581:2012	

* Maximum output level measured with the method IM3 -35dBc 2 tones.
Technical data refer to a temperature of 25 °C

Example of application

