



In line TV amplifier with split-band amplification AS series

art. 25-055
AS25 2REG

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

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
- Split-band amplification for the 3 (VHF) and UHF bands

Code	25-055	
Item	AS25 2REG	
No. of inputs	1	
No. of outputs	1	
N. adjustments (0÷15dB)	2	
Frequencies range band 3	MHz	174÷230
Frequencies range UHF band	MHz	470÷694
Noise figure	dB	<3
Max output level band 3*	dBμV	110
Max output level UHF band*	dBμV	120
Gain band 3*	dB ±2	21
Gain UHF band*	dB ±2	25
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

