

Datasheet

V50-102 High Power MATV/IRS Amplifier

- High power launch amplifier for MATV installations
- High gain with input & midstage level slope control
- Die-cast IP64 rated housing
- Switch-mode power supply
- Input & output test point
- Reverse path configuration available



Model	V50-102
Frequency Range	47 – 860MHz (47 / 75 / 87 depending on reverse path option)
Return Path Options (Active or Passive)	5-30 / 55 / 65 MHz
Input / Output Impedance	75Ω
Input & Output Return Loss	18dB/40MHz-1.5dB/octave
Gain	36dB
Input level control/Slope control	0-18dB/0-18dB
Interstage plug-in level control/Interstage equaliser	0-9dB in 1dB steps
Maximum Output IMD3=60dB (DIN45004B)	127dBμV
Noise Figure	Max 6dB
Power Requirement	187-250V 50Hz
Power Consumption	15.5 Watts
Maximum AC pass current	4A
Input & Output Connectors	F-female
Screening Factor	>80dB
Enclosure category	IP64
Operating Temperature	-20 ⁰ to + 50 ⁰
Dimensions including fixing lugs	219 x 132 x 76mm
Weight	1.8kg

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press.