

Datasheet

Vision Gold Masthead Amplifiers

Multi-Input - Single Output

- V20-2127 27dB Variable Gain UHF + VHF input Masthead Amplifier
 V20-3127 27dB Variable Gain UHF + FM + DAB input Masthead Amplifier

- Ultra low noise figure down to 1.4dB & Super flat gain response ± 0.5 dB
- Low energy power consumption, 5V to 12V DC working
- High output capability designed for digital and analogue TV
- Fully screened with gold F-connectors for superior connectivity
- Accepts "type 125" cable and connectors
- High quality ventilated weatherproof housing IP53 rated
- Ideal for mixing weak signals onto a single downlead
- Designed and built in the UK



Model	V20-2127	V20-3127
No of Inputs	2	3
Input Frequency	VHF: 85 to 240MHz UHF: 470 to 862MHz	VHF Band II (FM): 85 to 108MHz VHF Band III (DAB): 174 to 240MHz UHF (TV): 470 to 862MHz
No of outputs	1	1
Gain: VHF Fixed UHF Variable	VHF 2 to 8dB: UHF 15 to 27dB	FM 2dB: DAB 8dB: UHF 15 to 27dB
Gain Flatness	± 0.5 dB	
Interstage Level Adjustment	12dB (UHF)	
Maximum Output Level*	100dB μ V	
Maximum Input Level*	79dB μ V	
Noise Figure	1.4dB	
Output Return Loss	>11dB	
DC Power	5V to 12V DC	
Power Consumption	50mA	
Connector	Gold plated F-female	
Fixing	Nylon mast tie up to 55mm masts or wall/bulkhead	
Dimension	105mm x 90mm x 58mm	

25/04/2008 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.