

### Vision Gold Masthead Amplifiers

### Single Input / Single Output

- V20-1113**      **13dB Fixed Gain UHF Masthead Amplifier**
- V20-1127**      **27dB Variable Gain UHF Masthead Amplifier**

- Ultra low noise figure down to 0.80dB & super flat gain response  $\pm 0.5\text{dB}$
- 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
- SMD technology with compartmentalised screening for extra low noise and high performance
- Accepts "Type 125" coaxial cables and connectors for extra long cable run
- High quality ventilated weatherproof housing (IP53 rated)
- Designed and built in the UK
- Masthead amplifier and PSU kits available



Model	V20-1113	V20-1127
Input Frequency	470 - 862MHz	
Maximum Gain	13dB	27dB
Gain Flatness	$\pm 0.5\text{dB}$	$\pm 0.5\text{dB}$
Interstage Level Adjustment	Fixed	12dB
Maximum Output Level*	100dB $\mu\text{V}$	106dB $\mu\text{V}$
Maximum Input Level*	87dB $\mu\text{V}$	79dB $\mu\text{V}$
Noise Figure	0.8dB	1.4dB
DC Power	5V to 12V	
Power Consumption	36mA	45mA
Connector	Gold plated F-female	
Fixing	Nylon mast tie up to 55mm masts or wall/bulkhead	
Dimensions	105mm x 90mm x 58mm	
Packaged DC Power Supply (Kits only)	Low energy 12V 100mA with short circuit and overload protection	
RoHS Compliance	RoHS compliant. Intended for professional fixed installation only	
*Maximum Output EN50083-5 (IMD <sup>3</sup> -60)		

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. 8-Jun-2010 E&OE @ Vision Products (Europe) Ltd.