

MBS-BAND LOW NOISE PREAMPLIFIERS

(15 dB or 25 dB Gain)

ORDERING INFORMATION

Part Number	PA1507MBS	15dB Gain
Part Number	PA2507MBS	25dB Gain

SPECIFICATIONS*

Input Frequency	2572-2614 MHz
Noise Figure	4.5 dB Typical
Gain	15/25 dB (Depending On Model Selected)
Gain Flatness	±1.5 dB
P-out-1dB Compression Point	+12/+5 dBm (single carrier)
Input Intercept Point	+9dBm
Output 3rd Order Intercept Point	+21/+14 dBm
Input VSWR	1.5:1
Output VSWR	1.5:1
Input Connector	50 Ohm, Type 'N' Female
Output Connector	50 Ohm, Type 'N' Female
DC Supply Voltage	+16 to 24 VDC
Current	60ma Typical
Power Supply Connector	Type 'F' Female or Thru Output Connector
Temperature Limits:	
Operating	-40°C to +50°C
Storage	-50°C to +85°C
Weatherproofing	Tongue and Groove Case with Full Gasket
Leak Testing	Per CWT DT-2005.1
Finish	Polyester Powder Coat Paint
Physical Dimensions:	
Size	10.0"x 4.75"x2.0 in (254x120x50 mm)
Weight	2.5 lbs. (1.18 Kg)

*Specifications subject to change without notice.

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