

MBS-BAND LOW-POWER REPEATER AMPLIFIER

ORDERING INFORMATION

Part Number	RA3507MBS	35dB Gain
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SPECIFICATIONS*

Input Frequency	2572-2614 MHz
Noise Figure	1.2 dB Typical (At AGC Threshold)
Open Loop Gain	35 dB \pm 2 dB
Gain Flatness	\pm 1.0 dB
Gain over Temperature	\pm 1.0 dB
AGC Dynamic Range	25dB Typical
Output 3rd Order Intercept Point	+33 dBm Typical (2 Watts)
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 28 VDC
Current	700ma 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	2.6 lbs. (1.18 Kg)

*Specifications subject to change without notice.