

MMDS LOW NOISE PREAMPLIFIER

ORDERING INFORMATION

Part Number	PA1033	10dB Gain
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SPECIFICATIONS*

Input Frequency	2100-2700 MHz
Noise Figure	1.5 dB Typical, 2.0 dB Max
Gain	10 dB
Gain Flatness	±.5 dB per Channel ±1.5 dB per Band
RF Output Level	+1 dBm (single carrier) -25 dBm (per Channel w/33 Channels)
RF Input Level	-62 dBm (per Chan. w/33 Chan @45db C/N) -9 dBm (w/ Single Channel @-55dBc IMD) -25 dBm (per Chan. w/33 Chan.)
Two Tone Intermod	-55 dBc (w/2 Tones @-25dBm)
IP3	+12 dBm
Input VSWR	1.5:1
Output VSWR	1.5:1
Input Connector	50 Ohm, Type 'N' Female
Output Connector	50 Ohm, Type 'N' Male
DC Supply Voltage	+12 to 28 VDC
Current	20ma Typical
Power Supply Connector	Type 'F' Male w/'F' Female Thru Power Conn.
Temperature Limits:	
Operating	-40°C to +50°C
Storage	-50°C to +85°C
Leak Testing	Per CWT DT-2005.1
Finish	Black Polyester Powder Coat Paint
Physical Dimensions:	
Size	2.5"x 1.5"x1.0 in (63x38x25 mm)
Weight	.5 lbs. (.23 Kg)

*Specifications subject to change without notice.

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