

MMDS LOW NOISE PREAMPLIFIER

ORDERING INFORMATION

Part Number	PA2531	25dB Gain
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SPECIFICATIONS*

Input Frequency	2500-2700 MHz
Noise Figure	1.5 dB Typical, 2.0 dB Max
Gain	25 dB
Gain Flatness	±2 dB
RF Output Level	+1 dBm (single carrier) -25 dBm (per Channel w/31 Channels)
RF Input Level	-77 dBm (per Chan. w/31 Chan @45db C/N) -24 dBm (w/ Single Channel @-55dBc IMD) -40 dBm (per Chan. w/31 Chan.)
Two Tone Intermod	-50 dBc (w/2 Tones @-25dBm)
IP3	+25 dBm
P-out-1dB	+15 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	65ma Typical
Power Supply Connector	Type 'F' Male w/'F' Male 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	White Polyester Powder Coat Paint
Physical Dimensions:	
Size	H: 10.0" W: 4.75" D: 2.0"
Weight	1.0 lbs.

*Specifications subject to change without notice.

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