

DigiSite™

31 Channel Integrated Reflector Downconverter PM3191, PM3192, PM3193

Operating Specifications

Parameter	Minimum	Recommended	Maximum	Units
Input Frequency (MMDS)	2500		2686	MHz
Output Impedance		75		ohms
Maximum Temp. Range	-40		+60	°C
Humidity	0		100	%
Input Voltage	12	15	24	V

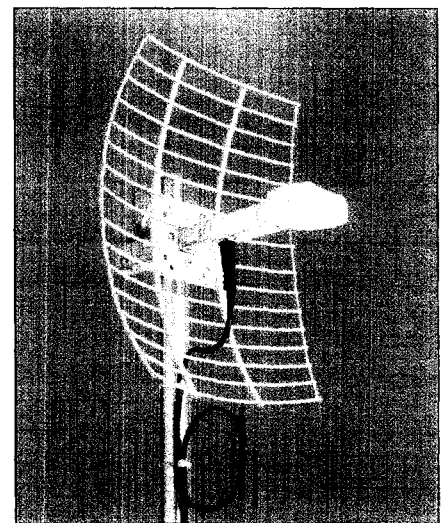
Electrical Performance

Parameter	PM 3191	PM 3192	PM 3193	Units
Gain	24	32	36	dB
Gain Flatness (1 ch)	±.2	±.2	±.2	dB
Gain Flatness (31 ch)	±1.5	±1.5	±1.5	dB
Noise Figure	3.0	1.5	1.3	dB
Image Rejection	45	45	40	dB
IP 3	+1	-7	-10	dB

Mechanical Specifications

Waterproofing	Ultrasonically Welded
Mounting Hardware	Stainless Steel

Available with 15,19 or 25 dBi antennas.
Shown below with 15 dBi reflector.



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IF Rejection	>80 dB
Spurious in IF Band	<-90 dBm
IMD (2 tone test) ¹	-50 dBc
Max Output (31 ch)	29 dBmV
LO Frequency Set ²	2278 MHz
LO Freq. Stability Over Temp.	±25 kHz
LO Phase Noise @ 10 kHz Offset	-90 dBc/Hz
Output Frequency (MMDS) ³	222-408 MHz
Input Current	200 mA

Typical values at +25°C.

1 Measured with two tones 0 dBm output.

2 Contact Sales for other LO frequencies.

3 UHF output available.