

DigiSite™

33 Channel Integrated Reflector Downconverter

PM3391, PM3392

Operating Specifications

Parameter	Minimum	Recommended	Maximum	Units
Input Frequency (MMDS)	2500		2686	MHz
Input Frequency (MDS)	2150		2162	MHz
Output Impedance		75		ohms
Maximum Temp. Range	-40		+60	°C
Humidity	0		100	%
Input Voltage	12	15	22	V

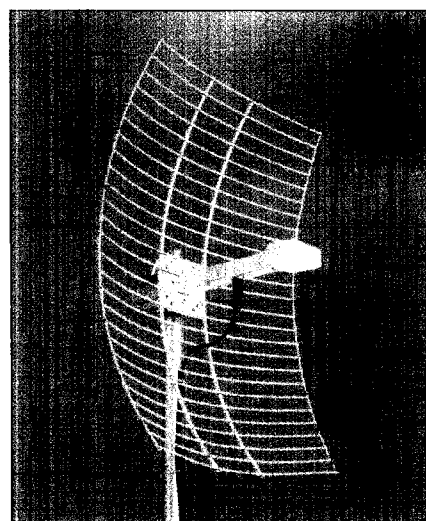
Electrical Performance

Parameter	PM 3391	PM 3392	Units
Gain	21	32	dB
Gain Flatness (1 ch)	±0.2	±0.2	dB
Gain Flatness (33 ch)	±1.5	±1.5	dB
Noise Figure	4.5	1.5	dB
Image Rejection	40	40	dB
IIP3	+2	-7	dBm

Mechanical Specifications

Waterproofing	Ultrasonically Welded
Mounting Hardware	Stainless Steel

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



PM 3391, PM 3392

IF Rejection	>80 dB
Spurious in IF Band	-90 dBm
IMD (2 tone test) ¹	-50 dBc
Max Output (33 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)	222-408 MHz
Output Frequency (MDS)	116-128 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.