Parabolic Grids 570 – 698 MHz

Features:

- Lightweight and durable construction.
- Feed input Type N as shown, others noted below.
- Parabolic Grid designs typically offer 40% lower wind-loading, when compared to a like sized solid antenna without ice.
- Feed guy supports are included when necessary.
- Antenna features independent azimuth and elevation adjustment.
- Antenna Survival Ratings: 1 inch (25mm) of ice and 125 mph (201 kmh) wind.
- Antenna Mount Types:
    - Standard (S) mounts mate to a 4.5 in. O.D. (114 mm) (4 in. IPS) vertical pipe mast. Available on 6-ft. – 15-ft. (1.8-m – 4.6-m)
    - Universal (U) mounts mate to 1.9 in.– 4.5 in. O.D. (48 mm – 114 mm) vertical pipe mast. Available on 4-ft. – 6-ft. (1.2-m – 1.8-m)
- All mWAVE – Mark Grid Series antennas meet or exceed Standard ANSI/TIA-222.

mWAVE supports all current and legacy Mark parabolic grids with feeds, wind brace kits and other miscellaneous parts and tuning services.

Antenna diameters in the10-ft (3.0), 12-ft (3.7) and 15-ft (4.6) parabolic grids ship in two halves. The 8-ft (2.4) model is available as a split reflector (X2) option on request.

Electrical Specifications

Frequency MHz	Model No.	Pol.	Size ft.	Size m	Reg.	Gain, nominal dBi Low	Gain, nominal dBi Mid	Gain, nominal dBi High	HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
570 – 698	P-6MA48GN-U	SP	4	1.2	n/a	15.0	15.9	16.8	26.6	25	19	1.5:1	14.0
570 – 698	P-6MA72GN-U	SP	6	1.8	n/a	18.5	19.5	20.3	17.7	28	26	1.3:1	17.7
570 – 698	P-6MA72GN-S	SP	6	1.8	n/a	18.5	19.5	20.3	17.7	28	26	1.3:1	17.7
570 – 698	P-6MA96GN-S	SP	8	2.4	n/a	21.0	22.0	22.8	13.3	30	28	1.3:1	17.7
570 – 698	P-6MA120GN-S	SP	10	3.0	n/a	23.0	23.9	24.7	10.6	30	32	1.3:1	17.7
570 – 698	P-6MA144GN-S	SP	12	3.7	n/a	24.6	25.5	26.3	8.8	30	34	1.3:1	17.7

Notes:

1. * Optional input connectors available.
   F = 7/8 EIA Flange Non-pressurized
   N = N-Female Connector Non-Pressurized
   E = 7/16 DIN Connector Non-Pressurized
   L = 7/8 EIA Flange Pressurized Low VSWR
   LN = N-Female Non-Pressurized Low VSWR

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