

Parabolic Grids

698 – 790 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 the 10-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		Reg.	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m		Low	Mid	High					
698 – 790	P-6HA48GN-U	SP	4	1.2	n/a	16.8	17.3	17.9	22.6	25	21	1.5:1	14.0
698 – 790	P-6HA72GN-U	SP	6	1.8	n/a	20.3	20.9	21.4	15.1	28	28	1.3:1	17.7
698 – 790	P-6HA72GN-S	SP	6	1.8	n/a	20.3	20.9	21.4	15.1	28	28	1.3:1	17.7
698 – 790	P-6HA96GN-S	SP	8	2.4	n/a	22.8	23.4	23.9	11.3	30	30	1.3:1	17.7
698 – 790	P-6HA120GN-S	SP	10	3.0	n/a	24.7	25.3	25.8	9.0	30	34	1.3:1	17.7
698 – 790	P-6HA144GN-S	SP	12	3.7	n/a	26.3	26.9	27.4	7.5	30	36	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