Mark Grid Antenna
MANUFACTURED BY mWAVE INDUSTRIES

360 - 400 MHz Parabolic Grid

Designed to deliver performance for decades

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

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.

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
360 – 400	P-3HA48GN-U	LP	4	1.2	n/a	10.8	11.3	11.3	43.0	11	20	1.5:1	14.0
360 – 400	P-3HA72GN-U	LP	6	1.8	n/a	13.9	14.3	14.8	27.0	22	23	1.3:1	17.7
360 – 400	P-3HA72GN-S	LP	6	1.8	n/a	13.9	14.3	14.8	27.0	22	23	1.3:1	17.7
360 – 400	P-3HA96GN-S	LP	8	2.4	n/a	17.1	17.5	18.0	20.0	16	23	1.3:1	17.7
360 – 400	P-3HA120GN-S	LP	10	3.0	n/a	18.9	19.4	19.8	18.0	16	23	1.3:1	17.7
360 – 400	P-3HA144GN-S	LP	12	3.7	n/a	19.7	20.2	20.6	25.0	16	25	1.3:1	17.7

Notes:
* Optional input connectors available.
F = 7/8 EIA Flange Non-pressurized
P = 7/8 EIA Air Dielectric Non-pressurized
L = 7/8 EIA Flange Pressurized Low VSWR
N = N-Female Connector Non-Pressurized
E = 7/16 DIN Connector Non-Pressurized
Contact mWAVE for other regulatory compliance.
*** 10-ft (3.0), 12-ft (3.7) and 15-ft (4.6) parabolic grids ship in two halves.
**** 8-ft (2.4) model is available as a split reflector (X2) on request.

Designed, Engineered, and Manufactured in Windham, ME USA
mWAVE Industries is part of the Alaris Holdings Group of Companies.

Form: 360-400-Grid-221031.R1 DS