



1030 - 1090 MHz Parabolic Grid

Designed to deliver performance for decades

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.

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 | | | | | |
| 1030 – 1090 | P-10A48GN-U | LP | 4 | 1.2 | N/A | 20.1 | 20.3 | 20.5 | 15.3 | 25 | 28 | 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
 - ** Compliance: U.S.F.C.C. Part 101.115
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.
- Product information is subject to change without notice.**

Designed, Engineered, and Manufactured in Windham, ME USA
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Form: 1030-1090-Grid-220722.R2-DS

