

2480 - 2700 MHz Compak Grid

Features:

- Lightweight and durable construction.
- Feed input Type N as shown, for others see Note 2 below.
- Grid antenna designs offer lower wind-loading, typically reduced 40% or more from a comparable sized solid antenna without ice.
- Feed guy wires are included where necessary.
- Antenna features independent azimuth and elevation adjustment.
- Antenna Survival Ratings: 1 inch (25mm) of ice and 125 mph (201 kmh) wind.
- Antenna mounts to 4.5 in. OD (114 mm) (4 in. IPS) vertical pipe mast. Optional 2.38 in. - 4 in. OD (60 mm – 102 mm) mast-mount available for 4 ft (1.2 m) antenna.
- All mWAVE – Mark Grid Series antennas meet or exceed Standard ANSI/TIA-222.



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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 | | | | | |
| 2480 - 2700 | P-25A48KGN-U | LP | 4 | 1.2 | - | 27.3 | 27.7 | 28.0 | 6.1 | 27 | 30 | 1.3:1 | 17.7 |
| 2480 - 2700 | P-25A72KGN-U | LP | 6 | 1.8 | B** | 31.0 | 31.4 | 31.8 | 4.2 | 29 | 36 | 1.3:1 | 17.7 |
| 2480 - 2700 | P-25A96KGN-S | LP | 8 | 2.4 | B** | 33.3 | 33.6 | 34.0 | 3.2 | 32 | 36 | 1.1:1 | 26.4 |

Notes:

1. † Improved VSWR (R.L.) available
2. * 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
3. ** U.S.F.C.C. Regulatory Standard Part 101.