

## 2480 – 2700 MHz Parabolic 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-25A36GN-U	LP	3	0.9	-	24.3	24.7	25.0	8.0	38	31	1.5:1	14.0
2480 – 2700	P-25A48GN-U	LP	4	1.2	-	27.3	27.7	28.0	6.3	27	30	1.3:1	17.7 †
2480 – 2700	P-25A72GN-U	LP	6	1.8	B**	31.0	31.4	31.8	4.2	35	38	1.3:1	17.7 †
2480 – 2700	P-25A72GN-S	LP	6	1.8	B**	31.0	31.4	31.8	4.2	35	38	1.3:1	17.7 †
2480 – 2700	P-25A96GN-S	LP	8	2.4	B**	33.5	33.9	34.3	3.1	36	39	1.1:1	26.4 †
2480 – 2700	P-25A120GN-S	LP	10	3.0	A**	35.5	35.8	36.2	2.4	36	44	1.1:1	26.4 †
2480 – 2700	P-25A144GN-S	LP	12	3.7	A**	37.0	37.4	37.8	2.1	40	42	1.1:1	26.4 †
2480 – 2700	P-25A180GN-2	LP	15	4.6	A**	38.9	39.3	39.6	1.6	30	47	1.1:1	26.4 †

#### Notes:

- † Improved VSWR (R.L.) available.
- \* 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
- \*\* U.S.F.C.C. Regulatory Standard Part 101.