

## 2300 – 2500 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					
2300 – 2500	P-24A36GN-U	LP	3	0.9	-	25.0	25.7	26.0	8.4	32	28	1.5:1	14.0
2300 – 2500	P-24A48GN-U	LP	4	1.2	-	26.8	27.5	27.7	6.5	34	32	1.3:1	17.7 †
2300 – 2500	P-24A72GN-U	LP	6	1.8	B**	30.1	30.8	31.1	4.4	30	37	1.3:1	17.7 †
2300 – 2500	P-24A72GN-S	LP	6	1.8	B**	30.1	30.8	31.1	4.4	30	37	1.3:1	17.7 †
2300 – 2500	P-24A96GN-S	LP	8	2.4	B**	32.6	33.5	33.6	3.5	32	38	1.1:1	26.4 †
2300 – 2500	P-24A120GN-S	LP	10	3.0	B**	34.7	35.1	35.6	2.8	32	42	1.1:1	26.4 †
2300 – 2500	P-24A144GN-S	LP	12	3.7	B**	36.1	36.8	37.3	2.4	31	40	1.1:1	26.4 †
2300 – 2500	P-24A180GN-S	LP	15	4.6	B**	38.2	38.5	38.9	1.9	30	48	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.