

## 1240 – 1300 MHz Parabolic Grid

### Features:

- Lightweight and durable construction.
- Feed input Type N as shown, for others see Note 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 (25 mm) 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					
1240 – 1300	P-12A36GN-U	SP	3	0.9	n/a	18.0	18.3	18.6	16.9	28	26	1.50:1	14.0
1240 – 1300	P-12A48GN-U	SP	4	1.2	n/a	20.9	21.2	21.5	13.4	30	28	1.50:1	14.0
1240 – 1300	P-12A72GN-U	SP	6	1.8	n/a	24.5	24.8	25.1	9.0	30	32	1.30:1	17.7
1240 – 1300	P-12A72GN-S	SP	6	1.8	n/a	24.5	24.8	25.1	9.0	30	32	1.30:1	17.7
1240 – 1300	P-12A96GN-S	SP	8	2.4	n/a	26.8	27.1	27.4	6.8	32	34	1.30:1	17.7
1240 – 1300	P-12A120GN-S	SP	10	3.0	n/a	28.9	29.1	29.4	5.4	32	37	1.30:1	17.7
1240 – 1300	P-12A144GN-S	SP	12	3.7	n/a	30.4	30.7	31.0	4.5	32	48	1.30:1	17.7

#### Notes:

- \* Optional input connectors available.  
 F = 7/8 EIA Flange Non-pressurized  
 N = N-Female Connector Non-Pressurized (shown in model numbers above)  
 E = 7/16 DIN Connector Non-Pressurized  
 Contact mWAVE for optional input requirements.