

## 1427 – 1535 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					
1427 – 1535	P-15A36GN-U	LP	3	0.9	n/a	20.8	21.1	21.4	13.5	34	26	1.5:1	14.0
1427 – 1535	P-15A48GN-U	LP	4	1.2	n/a	23.8	23.7	24.0	10.0	31	31	1.3:1	17.7 †
1427 – 1535	P-15A72GN-U	LP	6	1.8	n/a	27.2	27.5	27.8	7.0	34	36	1.3:1	17.7 †
1427 – 1535	P-15A72GN-S	LP	6	1.8	n/a	27.2	27.5	27.8	7.0	34	36	1.3:1	17.7 †
1427 – 1535	P-15A96GN-S	LP	8	2.4	n/a	29.2	29.5	29.8	5.3	36	36	1.3:1	17.7 †
1427 – 1535	P-15A120GN-S	LP	10	3.0	n/a	30.4	30.7	31.1	4.5	35	38	1.3:1	17.7 †
1427 – 1535	P-15A144GN-S	LP	12	3.7	n/a	32.7	33.0	33.3	3.6	41	41	1.3:1	17.7 †
1427 – 1535	P-15A180GN-2	LP	15	4.6	n/a	34.2	34.5	34.8	2.9	45	41	1.3:1	17.7 †

### 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