

350 - 380 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.
- U-mounts mate to a customer supplied vertical mast pipe of 1.9 – 4.5-inch O.D. (48 – 115-mm)
- S-mounts mate to a customer supplied vertical mast pipe of 4.5-inch O.D. (115-mm)
- 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					
350 – 380	P-3A48GN-U	LP	4	1.2	n/a	10.2	10.5	10.7	44.5	11	18	1.5:1	14.0 †
350 – 380	P-3A72GN-U	LP	6	1.8	n/a	13.9	14.2	14.6	28.0	19	22	1.3:1	17.7 †
350 – 380	P-3A72GN-S	LP	6	1.8	n/a	13.9	14.2	14.6	28.0	19	22	1.3:1	17.7 †
350 – 380	P-3A96GN-S	LP	8	2.4	n/a	16.4	16.7	17.4	21.5	18	24	1.3:1	17.7 †
350 – 380	P-3A120GN-S	LP	10	3.0	n/a	18.1	18.5	18.9	19.0	20	22	1.3:1	17.7 †
350 – 380	P-3A144GN-S	LP	12	3.7	n/a	19.4	19.6	20.0	17.0	20	24	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
 NL = N-Female Non-Pressurized Low VSWR