

1700 – 1850 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					
1700 – 1850	P-17A36GN-U	LP	3	0.9	n/a	21.6	22.0	22.3	11.2	35	26	1.5:1	14.0
1700 – 1850	P-17A48GN-U	LP	4	1.2	n/a	24.7	25.1	25.5	8.7	36	34	1.3:1	17.7 †
1700 – 1850	P-17A72GN-U	LP	6	1.8	n/a	27.8	28.3	28.7	6.2	35	36	1.3:1	17.7 †
1700 – 1850	P-17A72GN-S	LP	6	1.8	n/a	27.8	28.3	28.7	6.2	35	36	1.3:1	17.7 †
1700 – 1850	P-17A96GN-S	LP	8	2.4	n/a	30.3	30.9	31.3	4.7	40	39	1.3:1	17.7 †
1700 – 1850	P-17A120GN-S	LP	10	3.0	n/a	32.1	32.5	32.9	3.9	35	42	1.3:1	17.7 †
1700 – 1850	P-17A144GN-S	LP	12	3.7	n/a	33.6	34.0	34.3	3.1	40	44	1.3:1	17.7 †
1700 – 1850	P-17A180GN-2	LP	15	4.6	n/a	35.6	36.2	36.6	2.5	40	46	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