

## 825 - 885 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.



825 - 885 MHz Parabolic Grid

### 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					
825 – 885	P-7LA48GN-U	LP	4	1.2	Yes	17.8	18.1	18.4	19.0	21	21	1.3:1	17.7
825 – 885	P-7LA72GN-U	LP	6	1.8	Yes	21.4	21.7	22.0	13.0	18	21	1.3:1	17.7
825 – 885	P-7LA72GN-S	LP	6	1.8	Yes	21.4	21.7	22.0	13.0	18	21	1.3:1	17.7
825 – 885	P-7LA96GN-S	LP	8	2.4	Yes	23.7	24.0	24.3	10.2	20	26	1.3:1	17.7

### Notes:

- \* 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 101.115 (b).