



### 835 - 895 MHz Parabolic Grid

*Designed to deliver performance for decades*

#### Features

- Lightweight and durable construction.
- Feed input Type N as shown, others noted below.
- Parabolic Grid designs typically offer 40% lower wind-loading, when compared to a like sized solid antenna without ice.
- Feed guy supports are included when necessary.
- Antenna features independent azimuth and elevation adjustment.
- Antenna Survival Ratings: 1 inch (25mm) of ice and 125 mph (201 kmh) wind.
- Antenna Mount Types:
  - Standard (S) mounts** mate to a 4.5 in. O.D. (114 mm) (4 in. IPS) vertical pipe mast. Available on 6-ft. – 15-ft. (1.8-m – 4.6-m)
  - Universal (U) mounts** mate to 1.9 in.– 4.5 in. O.D. (48 mm – 114 mm) vertical pipe mast. Available on 4-ft. – 6-ft. (1.2-m – 1.8-m)
- All mWAVE – Mark Grid Series antennas meet or exceed Standard ANSI/TIA-222.



mWAVE supports all current and legacy Mark parabolic grids with feeds, wind brace kits and other miscellaneous parts and tuning services.

#### 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					
835 – 895	P-7HA48GN-U	LP	4	1.2	Yes	17.6	18.0	18.3	19.0	20	20	1.3:1	17.7
835 – 895	P-7HA72GN-U	LP	6	1.8	Yes	21.4	21.7	22.0	13.8	21	23	1.3:1	17.7
835 – 895	P-7HA72GN-S	LP	6	1.8	Yes	21.4	21.7	22.0	13.8	21	23	1.3:1	17.7
835 – 895	P-7HA96GN-S	LP	8	2.4	Yes	24.0	24.3	24.6	24.6	18	27	1.3:1	17.7

Notes: \* Optional input connectors available.  
 F = 7/8 EIA Flange Non-pressurized  
 P = 7/8 EIA Air Dielectric Non-pressurized  
 L = 7/8 EIA Flange Pressurized Low VSWR  
 N = N-Female Connector Non-Pressurized  
 E = 7/16 DIN Connector Non-Pressurized  
 \*\* Compliance: U.S.F.C.C. Part 101.115 (b)  
 Contact mWAVE for other regulatory compliance.  
 \*\*\*\* 8-ft (2.4) model is available as a split reflector (X2) on request.  
**Product information is subject to change without notice.**

Designed, Engineered, and Manufactured in Windham, ME USA  
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Form: 835-895-Grid-220718.R2 DS

