



### 923 - 957 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					
923 – 957	P-9LA48GN-U	LP	4	1.2	B**	19.0	19.2	19.4	17.5	22	23	1.3:1	17.7 †
923 – 957	P-9LA72GN-U	LP	6	1.8	B**	21.9	22.1	22.3	12.0	19	25	1.3:1	17.7 †
923 – 957	P-9LA72GN-S	LP	6	1.8	B**	21.9	22.1	22.3	12.0	19	25	1.3:1	17.7 †
923 – 957	P-9LA96GN-S	LP	8	2.4	A**	24.3	24.4	24.6	9.3	25	24	1.3:1	17.7 †
923 – 957	P-9LA120GN-S	LP	10	3.0	A**	26.8	27.0	27.2	6.4	24	27	1.3:1	17.7 †
923 – 957	P-9LA144GN-S	LP	12	3.7	A**	27.1	27.3	27.5	6.4	26	26	1.3:1	17.7 †
923 – 957	P-9LA180GN-2	LP	15	4.6	A**	29.4	29.6	29.8	4.9	30	31	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  
 Contact mWAVE for other regulatory compliance.  
 \*\*\* 10-ft (3.0), 12-ft (3.7) and 15-ft (4.6) parabolic grids ship in two halves.  
 \*\*\*\* 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  
 mWAVE Industries is part of the Alaris Holdings Group of Companies.  
 © mWAVE Industries LLC - 2022 All rights reserved

Form: 923-957-Grid-210718.R2 DS

