



### 1700 - 2100 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					
1700 – 2100	P-20A36GN-U	LP	3	0.9	-	21.6	22.6	23.5	10.7	35	26	1.5:1	14.0
1700 – 2100	P-20A48GN-U	LP	4	1.2	-	24.8	25.8	26.1	8.0	36	34	1.3:1	17.7
1700 – 2100	P-20A72GN-U	LP	6	1.8	B**	27.8	28.8	29.7	5.8	35	36	1.3:1	17.7
1700 – 2100	P-20A72GN-S	LP	6	1.8	B**	27.8	28.8	29.7	5.8	35	36	1.3:1	17.7
1700 – 2100	P-20A96GN-S	LP	8	2.4	A**	30.3	31.3	32.2	4.4	40	39	1.3:1	17.7
1700 – 2100	P-20A120GN-S	LP	10	3.0	A**	32.0	33.0	33.9	3.4	35	42	1.3:1	17.7
1700 – 2100	P-20A144GN-S	LP	12	3.7	A**	33.5	34.2	35.4	2.8	40	44	1.3:1	17.7
1700 – 2100	P-20A180GN-2	LP	15	4.6	A**	35.2	36.2	37.0	2.3	40	46	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. Regulatory Standard Part 101.  
 \*\*\* 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  
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Form: 1700-2100-Grid-221130.R2-DS

