

2290 – 2450 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.



2290 – 2450 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					
2290 – 2450	P-24LA36GN-U	LP	3	0.9	-	25.4	25.7	26.0	8.4	32	28	1.5:1	14.0
2290 – 2450	P-24LA48GN-U	LP	4	1.2	B**	26.8	27.5	27.7	6.7	32	34	1.3:1	17.7 †
2290 – 2450	P-24LA72GN-U	LP	6	1.8	B**	30.1	30.8	30.1	4.5	30	37	1.3:1	17.7 †
2290 – 2450	P-24LA72GN-S	LP	6	1.8	B**	30.1	30.8	30.1	4.5	30	37	1.3:1	17.7 †
2290 – 2450	P-24LA96GN-S	LP	8	2.4	B**	32.9	33.0	33.3	3.5	32	38	1.1:1	26.4 †
2290 – 2450	P-24LA120GN-S	LP	10	3.0	B**	34.7	35.0	35.3	3.0	32	42	1.1:1	26.4 †
2290 – 2450	P-24LA144GN-S	LP	12	3.7	B**	36.5	36.8	37.1	2.5	31	40	1.1:1	26.4 †
2290 – 2450	P-24LA180GN-2	LP	15	4.6	B**	38.2	38.5	38.8	1.9	30	48	1.1:1	26.4 †

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
- ** U.S.F.C.C. Regulatory Standard Part 101.