



1850 - 1990 Compak 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.
- **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)
- **Standard (S) mounts** mate to 4.5 in. O.D. (114 mm) vertical pipe mast.
- All mWAVE – Mark Grid Series antennas meet or exceed Standard ANSI/TIA-222.



The mWAVE Mark Compak grid reflectors ship in 4 pieces for ease of handling on site and shipping. The antennas have the same performance as their single piece counterparts.



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					
1850 - 1990	P-18A48KGN-U	LP	4	1.2	-	25.5	25.8	26.1	8.0	30	34	1.3:1	17.7
1850 - 1990	P-18A72KGN-U	LP	6	1.8	B**	28.7	28.9	29.2	5.4	30	36	1.2:1	20.8
1850 - 1990	P-18A96KGN-S	LP	8	2.4	A**	31.1	31.4	31.7	4.2	30	38	1.1:1	26.4

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.
Product information is subject to change without notice.



Designed, Engineered, and Manufactured in Windham, ME USA
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