



### 1427 - 1535 MHz 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)
- 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					
1427 – 1535	P-15A48KGN-U	LP	4	1.2	n/a	23.3	23.7	24.0	10.4	30	31	1.3:1	17.7
1427 – 1535	P-15A72KGN-U	LP	6	1.8	n/a	27.2	27.5	27.8	7.0	30	36	1.3:1	17.7
1427 – 1535	P-15A96KGN-S	LP	8	2.4	n/a	29.2	29.5	29.8	5.3	30	36	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  
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