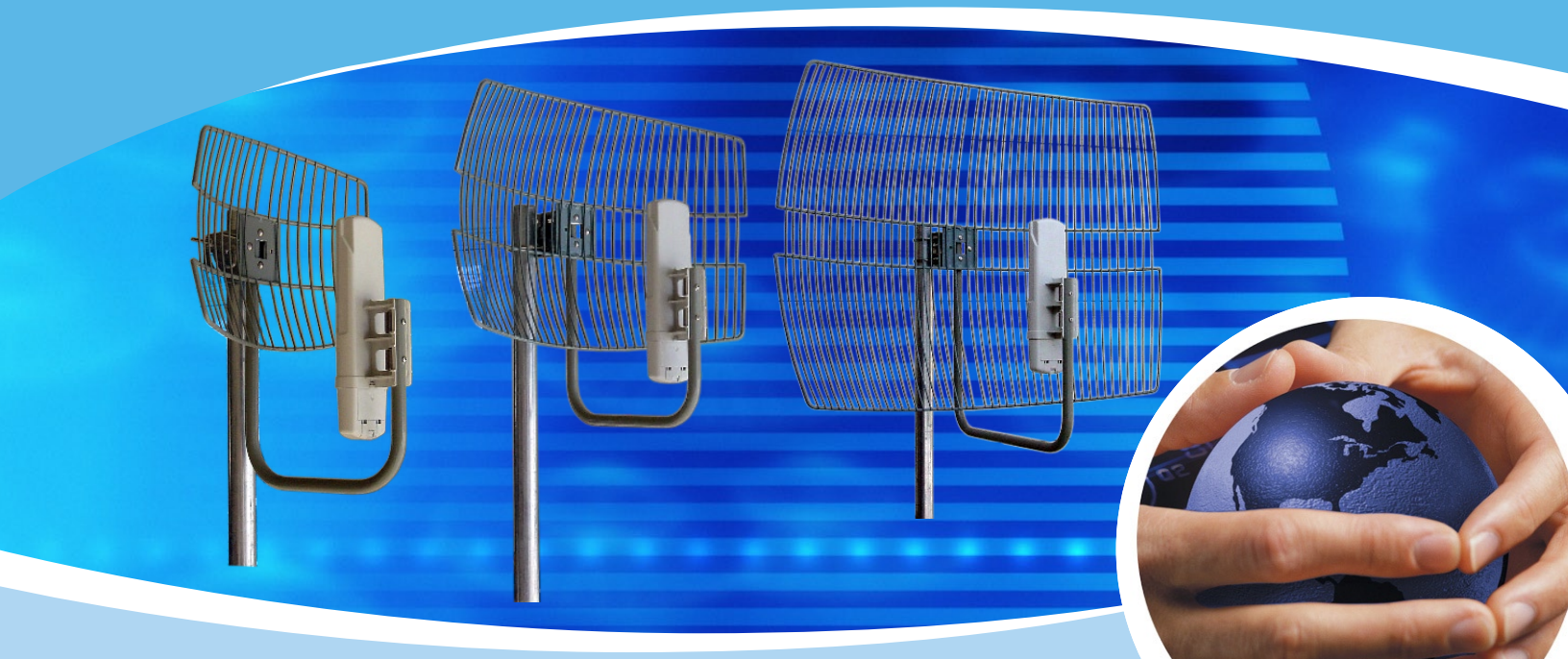
Laird TECHNOLOGIES®

GDxx-MT



global solutions :
local support™

Grid Dish Gain Booster Antenna
2400 to 5850 MHz Operation

The parabolic grid gain booster directional antennas offered by Laird Technologies utilize a unique patented parabolic grid design especially suited for increasing gain and effective range of Motorola Canopy™ products. The grid reflectors can be used with access points (AP) or subscriber units (SM) or for backhaul applications. The antennas are constructed of welded steel wires which are galvanized and then powder coat painted with light gray epoxy paint. The mounting arm is heavy duty galvanized steel with powder coat paint. The wire grid semi-parabolic design offers unsurpassed low wind loading while maintaining good RF performance. The compact low visual impact attractive styling blends well in almost any application. Mounting is simplified with the Laird Technologies heavy duty bracket system made of galvanized steel with stainless steel hardware.

Features and Benefits:

- For Motorola Canopy™ products
- 19dBi, 24dBi or 27dBi total system gain @ 5GHz
- 14dBi, 18dBi or 22dBi total system gain @ 2.4GHz
- Rugged and weatherproof
- Ultra low wind loading and low visual impact
- Vertical polarization

Applications

- 2.4GHz to 5GHz wireless lAN
- Point to point backhaul
- Increased range for clients
- Directed access point applications

For sales information:
Telephone 800-323-3757
E-Mail sales@pacwireless.com

or visit: **www.pacwireless.com**

GDxx-MT

Specifications

Parameter	Model	Min	Typ	Max	Units
Frequency Range		2400		5850	MHz
Total Gain @ 5GHz (includes Canopy Gain)	GD22-MT GD26-MT GD29-MT		19 24 27		dBi
Total Gain @ 2.4GHz (Includes Canopy Gain)	GD22-MT GD26-MT GD29-MT		14 18 22		dBi
3dB Beamwidth @ 5GHz	GD22-MT GD26-MT GD29-MT		12V, 8H 8V, 6H 5V, 4H		Deg
3dB Beamwidth @ 2.4GHz	GD22-MT GD26-MT GD29-MT		21V, 17H 17V, 11H 10V, 8H		Deg
Front to Back@ 5GHz	GD22-MT GD26-MT GD29-MT	18 22 22			dB
Front to Back@ 2.4GHz	GD22-MT GD26-MT GD29-MT	17 22 25			dB
Xpol Rejection @ 5GHz	GD22-MT GD26-MT GD29-MT	-30 -29 -26			dB
Xpol Rejection @ 2.4GHz	GD22-MT GD26-MT GD29-MT	-21 -32 -26			dB
Operating Temp		-40		+70	Deg C
Pole Size		1" (25)		2" (50)	In (mm)
Weight	GD22-MT GD26-MT GD29-MT	3 (1.4) 6 (2.7) 11 (5)			Lbs. (kg)
Dimension (W x L)	GD22-MT GD26-MT GD29-MT	11.8" x 15.7" (300 x 400) 16.8" x 24" (427 x 610) 28.5 x 36" (724 x 914)			In (mm)
Bracket Tilt		+/-45			Deg

Ultra-stable stainless steel mounting clamp system

Wind Loading (Lbs.)

Model	100 MPH	125MPH	100MPH with ½" Radial Ice
GD22-MT	10	16	48
GD26-MT	20	31	99
GD29-MT	41	64	257

System Ordering:

GD22-MT 2.4-5.8GHz 15inch gain booster directional antenna
GD26-MT 2.4-5.8GHz 24inch gain booster directional antenna
GD29-MT 2.4-5.8GHz 36inch gain booster directional antenna

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty