

Grid Dish Gain Booster Antenna

GDxx-MT

2400 TO 5850 MHz GRID DISH GAIN BOOSTER ANTENNA

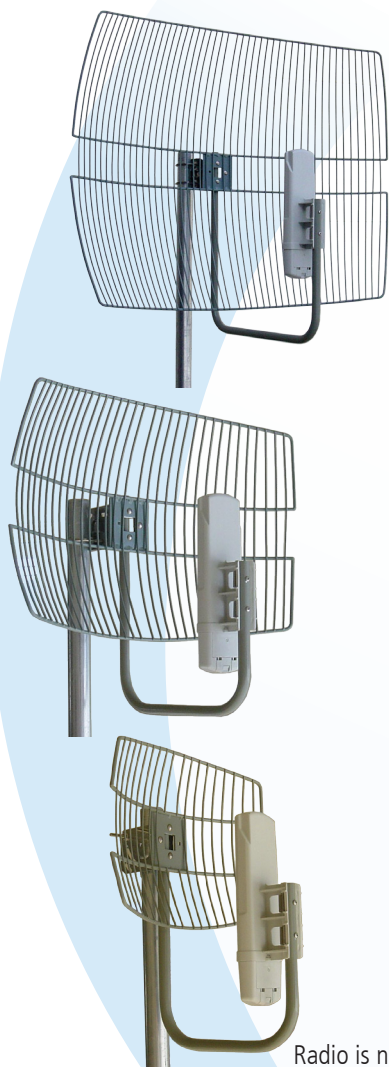
The parabolic grid gain booster directional antennas offered by Laird Technologies utilize a unique patented parabolic grid design especially suited for increasing gain and effective range of Motorola Canopy™ products. The grid reflectors can be used with access points (AP) or subscriber units (SM) or 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

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

MARKETS

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



Radio is not included

global solutions: local support™

Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

Grid Dish Gain Booster Antenna

GDxx-MT

SPECIFICATIONS

PARAMETER	GD22-MT	GD26-MT	GD29-MT
Frequency range	2400-5850 MHz	2400-5850 MHz	2400-5850 MHz
Total gain @ 5 GHz (includes canopy gain)	19 dBi	24 dBi	27 dBi
Total gain @ 2.4 GHz (includes canopy gain)	14 dBi	18 dBi	22 dBi
3 dB beamwidth @ 5 GHz	12° vert, 8° hor	8° vert, 6° hor	5° vert, 4° hor
3 dB beamwidth @ 2.4 GHz	21° vert, 17° hor	17° vert, 11° hor	10° vert, 8° hor
Front-to-back @ 5 GHz	18 dB	22 dB	22 dB
Front-to-back @ 2.4 GHz	17 dB	22 dB	25 dB
Xpol rejection @ 5 GHz	-30 dB	-29 dB	-26 dB
Xpol rejection @ 2.4 GHz	-21 dB	-32 dB	-26 dB
Operating temperature	-40° to +70°C	-40° to +70°C	-40° to +70°C
Pole size	1 - 2 in (25 - 50 mm)	1 - 2 in (25 - 50 mm)	1 - 2 in (25 - 50 mm)
Weight	3 lbs (1.4 kg)	6 lbs (2.7 kg)	11 lbs (5 kg)
Dimension (W x L)	11.8 x 15.7 in (300 - 400 mm)	16.8 x 24 in (427 - 610 mm)	28.5 x 36 in (724 - 914 mm)
Bracket tilt	+/- 45°	+/- 45°	+/- 45°

WIND LOADING (LBS.)

MODEL	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
GD22-MT	10 lbs	16 lbs	48 lbs
GD26-MT	20 lbs	31 lbs	99 lbs
GD29-MT	41 lbs	64 lbs	257 lbs

SYSTEM ORDERING

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

NOTES

- All shipments F.O.B. Schaumburg, IL 60173

Ultra-stable stainless steel mounting clamp system



ANT-DS-GDxx-MT 1111

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2011 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.