

December 2009

GRID ANTENNAS	Wireless broadband grid antennas with passive feed for point to point, backhaul, or customer premises applications					
2400 - 2490 MHz	GA2415M/F	GA2419M/F	GA2421M/F	GA2424M/F	GA2432M/F	GA2439M/F
Electrical Data						
Gain (dBi)	15	19	21	24	26	27.5
Front-Back Ratio (dBc)	<19	<22	<23	<24	<30	<33
Return Loss (dB)	10	10	10	10	11	10
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Beamwidth	21H 19V	16H 11V	12	8	9H 8V	9.3
Windload (lbs)	8	16	22	40	pdf data	pdf data
Maximum Power	200 Watts	200 Watts	200 Watts	200 Watts	200 Watts	200 Watts
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Connector Interface	N Type	N Type	N Type	N Type	N Type	N Type
Polarization	Vert or Hor	Vert or Hor	Vert or Hor	Vert or Hor	Vert or Hor	Vert or Hor
Physical Data						
Length	20"/508 mm	26"/660 mm	32"/813 mm	34"/864 mm	32"/813 mm	39"/991 mm
Width	16"/406 mm	23"/584 mm	23"/584 mm	28"/711 mm	32"/813 mm	39"/991 mm
Height	11"/279 mm	11"/279 mm	11"/279 mm	11"/279 mm	8"/203 mm	11"/279 mm
Weight	2#/0.9 kg	3#/1.36 kg	4#/1.81 kg	6#/2.72 kg	10#/4.54 kg	11#/4.99 kg
Construction						
Grid Reflectors	Zinc plated cold rolled steel with polyester powder coat					
Passive Feeds	Ultrasonic weld on UV stabilized ABS Plastic					
Connector/Cable	High grade microwave cable with male or female N connector					
Install Hardware	Polyester powder coat steel brackets with stainless steel hardware					
Fits Mast Size	1 - 2.5"	1 - 2.5"	1 - 2.5"	1 - 2.5"	1 - 2.5"	1 - 2.5"
	28-64mm	28-64mm	28-64mm	28-64mm	28-64mm	28-64mm

Specifications: Specifications subject to change without notice.
 One year warranty: Repair or replacement, no freight included.
<http://www.dmswireless.com>

All products FCA Warehouse, Acworth, GA 30102 USA
 Any questions, please contact DMS WIRELESS
sales@dmswireless.com