February 2010

DMS Wireless
a division of DMS International

320 Northpoint Parkway SE
Suite B & C
Acworth, GA 30102 USA
Tel: 770-529-6800
Fax: 770-529-6840
www.dmswireless.com

GRID ANTENNAS	**Wireless broadband grid antennas with passive feed**				
	for point to point, backhaul, or customer premises applications				
5200 - 5900 MHz	**GA525914M**	**GA525918M**	**GA525924M**	**GA525732M**	**GA525739M**
Electrical Data					
Gain (dBi)	16	19	24	26	27
Front-Back Ratio (dBc)	18	31	32	30	26
Return Loss (dB)	26	12	12	11	11
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Beamwidth	25H 14V	16H 12V	10H 11V	9H 8V	9H 8V
Windload (lbs)	pdf data	pdf data	pdf data	pdf data	pdf data
Maximum Power	200 Watts	200 Watts	200 Watts	200 Watts	200 Watts
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Connector Interface	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
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 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"
	28-64mm	28-64mm	28-64mm	28-64mm	28-64mm