



DMS Wireless
a division of DMS International

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GRID ANTENNAS

**Wireless broadband grid antennas with passive feed
for point to point, backhaul, or customer premises applications**

RoHS Compliant

WiMAX WiMAX WiMAX WiMAX WiMAX

2500 - 2686 MHZ GA2515M/F GA2519M/F GA2521M/F GA2524M/F GA2539M/F

Electrical Data

Gain (dBi)	15	19	21	24	26.5
Front-Back Ratio (dBc)	<19	<22	<23	<24	<33
Return Loss (dB)	10	10	10	10	10
VSWR (typical)	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	9.3
Windload (lbs)	8	16	22	40	pdf data
Maximum Power	200 Watts	200 Watts	200 Watts	200 Watts	200 Watts
	Direct	Direct	Direct	Direct	Direct
Lightning Protection	Ground	Ground	Ground	Ground	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

Physical Data

Length (inches)	20	26	32	34	39
Width (inches)	16	23	23	28	39
Height (inches)	11	11	11	11	11
Weight (pounds)	2	3	4	6	11
Construction	Zinc plated cold rolled steel with polyester powder coat				
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, 24"				
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