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GRID ANTENNAS Wireless broadband grid antennas with passive feed for point to point or multipoint applications

2150 - 2686 MHz GA2115M/F GA2119M/F GA2121M/F GA2124M/F GA2139M/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
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

Physical Data

Length	20	26	32	34	39
Width	16	23	23	28	39
Height	11	11	11	11	11
Weight	2	3	4	6	11

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	Galvanized steel brackets with stainless steel hardware

PDF Data - File Name

- Radiation Patterns
- Installation Procedure
- Photograph
- Windload Calculations

Packaging Data

Grid Antennas include

Grid Reflector	15Rectangle	19Rectangle	21Rectangle	24Rectangle	39Round
Passive Feed	F2100M/F	F2100M/F	F2100M/F	F2100M/F	F2100M/F
Extension Tube	X-15RE	X-19RE	X-21RE	X-24RE	X-39R
Install Hardware	HK-1	HK-1	HK-2	HK-2	HK-2