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

4900 - 5200 MHz **GA4914M** **GA4918M** **GA4924M** **GA4932M** **GA4939M**

Electrical Data

Gain (dBi)	16	19	24		
Front-Back Ratio (dBc)	18	31	32		
Return Loss (dB)	26	12	12		
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		
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

Physical Data

Length	14	18	24	32	39
Width	14	18	24	32	39
Height	3	4	6	8	11
Weight	4	6	8	10	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 N connector				
Install Hardware	Galvanized 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

PDF Data - File Name

- Radiation Patterns
- Installation Procedure
- Photograph
- Windload Calculations

Packaging Data

Grid Antennas include

Grid Reflector	14R	18R	24R	32R	39R
Passive Feed	PF4900-M	PF4900-M	PF4900-M	PF4900-M	PF4900-M
Extension Tube	XT-14R	XT-18R	XT-24R	XT-32R	XT-39R
Install Hardware	HK-1	HK-1	HK-2	HK-2	HK-2