

**Contact:**

Servsat Communications, Inc.  
 1815 Turnberry Lane  
 Atlanta, GA 30005  
 Tel: 1 (770) 757-1767  
 e-mail:sales@servsat.com



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

**3400 - 3600 MHz** GA3414M/F GA3418M/F GA3424M/F GA3432M/F GA3439M/F

**Electrical Data**

Gain (dBi)	15	18	22	24	25
Front-Back Ratio (dBc)	18	31	32	30	11
Return Loss (dB)	26	12	12	11	26
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	9.3
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 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	14Round	18Round	24Round	32Round	39Round
Passive Feed	F3400M/F	F3400M/F	F3400M/F	F3400M/F	F3400M/F
Extension Tube	X-14R	X-18R	X-24R	X-32R	X-39R
Install Hardware	HK-1	HK-1	HK-2	HK-2	HK-2