

**LOOP ANTENNAS      Wireless broadband grid antennas with passive feed**

**2150 - 2686 MHz      LA2418M/F              LA2421M/F              LA2424M/F**

**Electrical Data**

Gain (dBi)	18	21	24
Front-Back Ratio (dBc)	<22	<23	<24
Return Loss (dB)	10	10	10
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less
Beamwidth	16H 11V	12	8
Windload (lbs)	16	22	40
Maximum Power	200 Watts	200 Watts	200 Watts
Lightning Protection	Direct Ground	Direct Ground	Direct Ground
Input Impedance	50 Ohms	50 Ohms	50 Ohms
Connector Interface	N Type	N Type	N Type
Polarization	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 or female N connector
Install Hardware	Galvanized steel brackets with stainless steel hardware

**Fits Mast Size              1 - 2.5"              1 - 2.5"              1 - 2.5"**  
**28-64mm              28-64mm              28-64mm**

**PDF Data - File Name**

- Radiation Patterns
- Installation Procedure
- Photograph
- Windload Calculations

**Packaging Data**

Grid Antennas include

Grid Reflector	18Loop	21Loop	24Loop
Passive Feed	FL2400M/F	FL2400M/F	FL2400M/F
Extension Tube	X-18L	X-21L	X-24L
Install Hardware	HK-L1	HK-L1	HK-L1