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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

Physical Data

Length	24	32	34
Width	22	23	28
Height	9	11	11
Weight	3	4	6

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