

Wave Concepts LAN Master 2400 Series Directional Waveguide Panel Antenna Systems

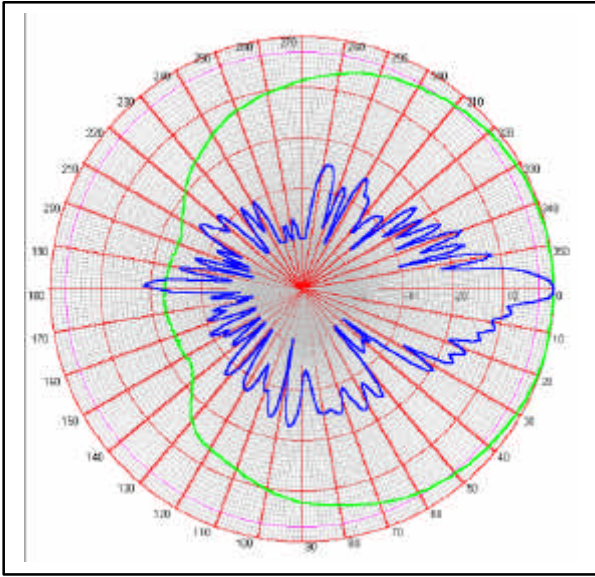


Specifications

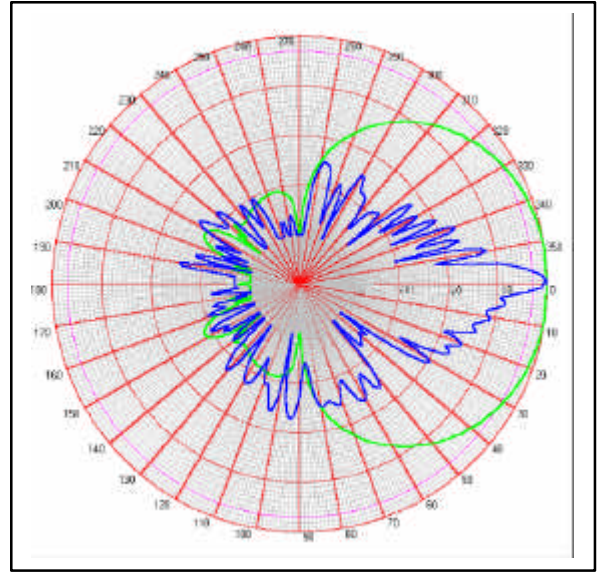
General	
Application	802.11b/g operation
Mounting	Vertical or Horizontal
Polarization	Vertical or Horizontal
Mounting	Flush or optional tilt bkt.

	Models			
Electrical	LM240010519	LM24006521	LM240004522	LM240003023
Frequency MHz	2410-2483.5 MHz	2410-2483.5 MHz	2410-2483.5 MHz	2410-2483.5 MHz
Gain dBi	18.5	20.6	23	24
Azimuth BW	105	65	45	30
Elevation BW	6	6	6	6
VSWR	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1	Less than 1.5:1
Front to Back	>30 dB	>30 dB	>30 dB	>30 dB
Connector	N-female	N-female	N-female	N-female
Mechanical				
Dimensions	2x4x73.65 in 5.08x10.16x187.1 cm	4.63x12.15x73.65 in 11.76x30.73x187.1 cm	3.285x4.57x73.65 in 8.33x11.6x187.1 cm	7.3x10.54x73.65 in 18.54x26.77x187.1cm
Weight	10.5 lbs (4.77 kg)	15 lbs (6.82 kg)	Est 15 lbs (6.82 kg)	Est. 15 lbs (6.82 kg)
Area Frontal	1.02 sq ft (0.1 sq m)	6.21 sq ft (0.577sq m)	2.33 sq ft (0.21 sq m)	5.67 sq ft (0.53 sq m)
Area Side	2.04 sq ft (0.19 sq m)	2.37 sq ft (0.22 sq m)	1.67 sq ft (0.16 sq m)	3.65 sq ft (0.34 sq m)
Environmental				
Wind Loading 100 mph	72.5 lbs (39.1 kg)	72.5 lbs (39.1 kg)	106.8 lbs (48.4 kg)	226.8 lbs (102.8 kg)
Wind Loading 125 mph	117.5 lbs (53.3 kg)	117.5 lbs (53.3 kg)	166.9 lbs (75.7 kg)	240.3 lbs (109.0 kg)
Wind Loading 150 mph	169.2 lbs (76.7kg)	169.2 lbs (76.7kg)	354.4 lbs (160.5 kg)	510.3 lbs (231.1 kg)
Temperature	-40 to 160 F (-40 to 71 C)	-40 to 160 F (-40 to 71 C)	-40 to 160 F (-40 to 71 C)	-40 to 160 F (-40 to 71 C)
Humidity	100%	100%	100%	100%

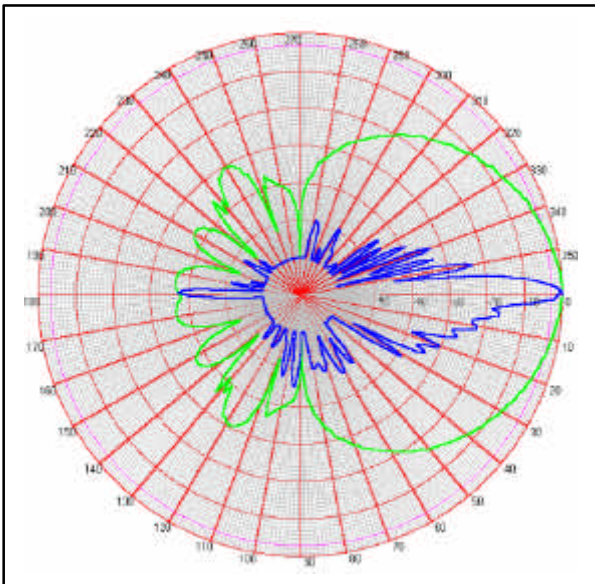
Antenna Patterns



LM240010519



LM240006519



LM240003023