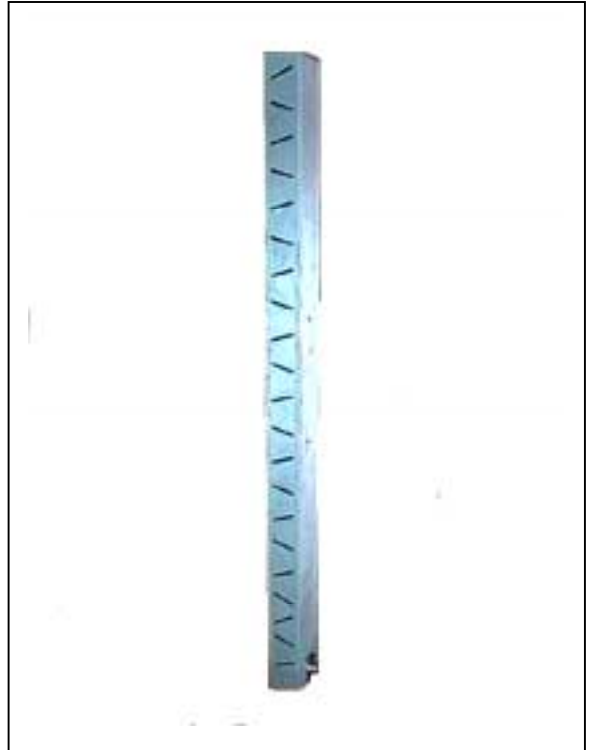


Wave Concepts LAN Master 5300 Series Directional Waveguide Panel Antenna Systems

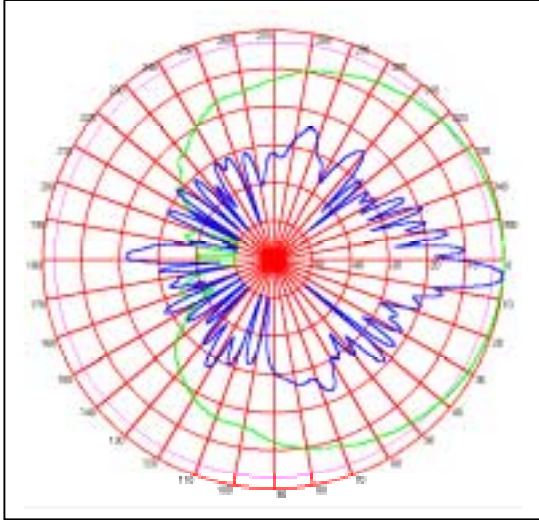


Specifications

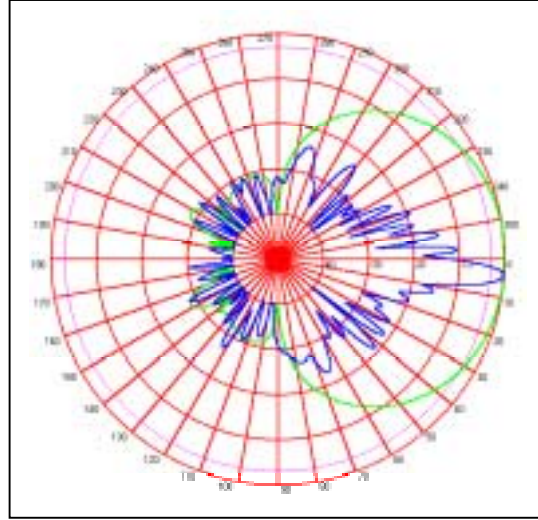
General	
Application	802.11a low/mid operation
Mounting	Vertical or Horizontal
Polarization	Vert or Horiz (dep. on mounting)
Mounting	Flush or optional pole mount

	Models			
Electrical	LM530008419	LM530006520	LM530004522	LM530003023
Frequency MHz	5150-5350 MHz	5150-5350 MHz	5150-5350 MHz	5150-5350 MHz
Gain dBi	19.15	20.34	21.40	22.96
Azimuth BW	80	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	1.5x2.5x26.85 in 3.81x6.35x68.2 cm	4.9x2.8x26.85 in 12.45x7.11x68.2 cm	1.9x2.8x 26.85 in 4.83x7.11x68.2 cm	4.7x4.1x26.85 in 11.94x10.41x68.2cm
Weight	5 lbs (2.27 kg)	5 lbs (2.27 kg)	5 lbs (2.27 kg)	5 lbs(2.27 kg)
Area Frontal	0.28sq ft (0.026sq m)	0.91sq ft (0.085sq m)	0.35 sq ft (0.033sq m)	0.88sq ft (0.081 sq m)
Area Side	0.47sq ft (0.043sq m)	0.52sq ft (0.048 sq m)	0.52sq ft (0.048sq m)	0.76sq ft (0.071 sq m)
Environmental				
Wind Loading 100 mph	18.6 lbs (8.4 kg)	36.6 lbs (16.6 kg)	20.9 lbs (9.5 kg)	35.0 lbs (15.9 kg)
Wind Loading 125 mph	29.2 lbs (13.2 kg)	57.1 lbs (25.9 kg)	32.6 lbs (14.8kg)	54.8 lbs (24.8 kg)
Wind Loading 150 mph	41.9 lbs (19.0 kg)	82.3 lbs (37.3 kg)	47.0 lbs (21.3 kg)	78.8 lbs (35.7 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%

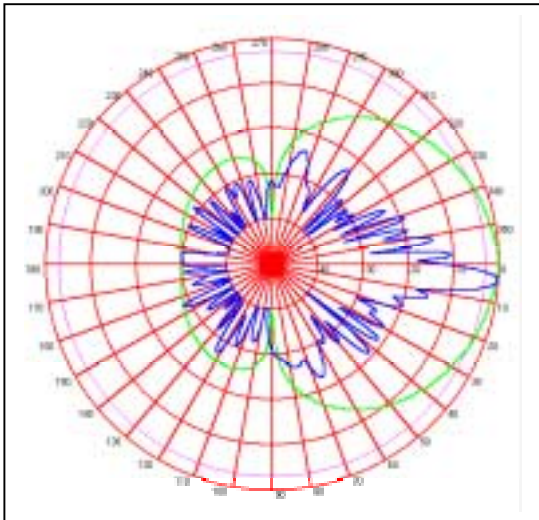
Antenna Patterns



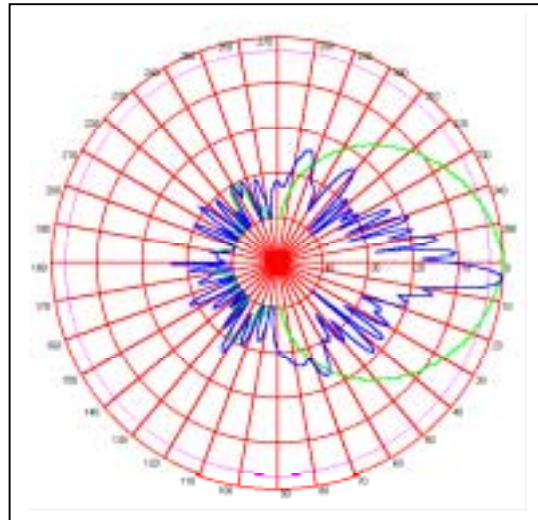
LM530008019



LM530006520



LM530004522



LM530003023