

## MS-LPP-6-F2

Lens Technology Enabled™ Multi-Beam Antenna perfect for up to 6 sectors CRAN, Outdoor DAS and Small Cell deployment. This antenna is capable of 2X2 MIMO with a coverage footprint of 360°. Each beam has two full-band ports to support 3300-4200MHz.

Factory installed tilt settings are available for 0° & 30°.

### Model #

0° Factory Set Tilt Model # MS-LP-6-F2

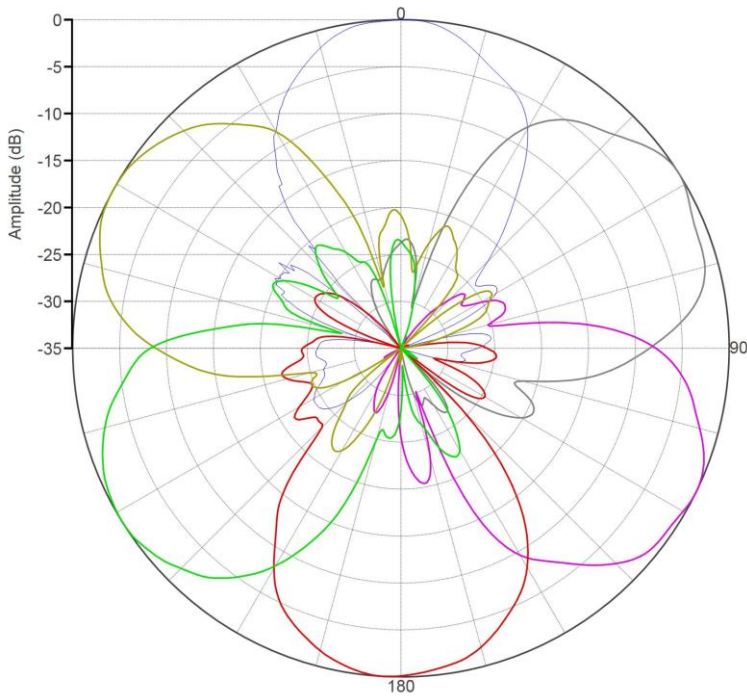
30° Factory Set Tilt Model # MS-LP-6-F2-30°



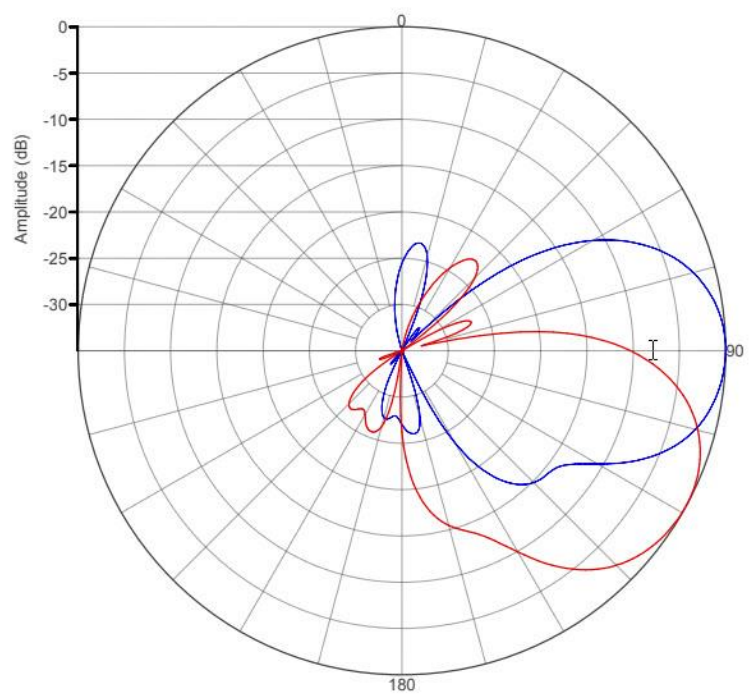
PRELIMINARY

### PATTERN RESULTS:

Horizontal Pattern (3.6GHz)



Vertical pattern at 0° tilt and 30° tilt (3.6GHz)



### TECHNICAL SPECIFICATIONS

Frequency	3300 MHz – 4200 MHz
Gain	14dBi
VSWR	<1.5:1
Polarization	Dual Slant ±45
Horizontal Coverage	360°
Horizontal Beamwidth (10dB)	60°
Horizontal Beamwidth (3dB)	34°
Vertical Beamwidth (3dB)	34°
Beam Cross-over	10dB typical
Total Number of Beams	6
Number of Ports per Beam	2
Number of Ports Total	12
Tilt Per Cross-Pol	0°, 30°
First Sidelobe Level	<-15dB
Front to Back Ratio	>28dB
Isolation Port to Port -Polarization	>28dB
Isolation Port to Port – Beam	>28dB
Power Rating	100W per port
Intermodulation	<-153dBc
Impedance	50 ohm
Connector Quantity and Type	12 x 4.3-10 female

### MECHANICAL DATA

Dimensions (H x W x D)	Cylindrical Design
	Diameter: 30cm/12inches Total Height: 33cm/13inches
Antenna Weight	4kg
	9lbs
Radome Material	FiberGlass
Mounting	1 position pipe holder, bottom or side mountable.
	Compatible pipe diameter: 6.1 – 11.4 cm
	2.4 – 4.5 inch

### ENVIRONMENTAL RATINGS

Humidity	95% RH @ +30°C
Temperature	-40°C to +70°C
Wind load @ 150km/h	50N/11lbf

PRELIMINARY