

## MS-MBA-2

Lens Technology Enabled™ Multi-Beam Base-Station Antenna perfect for 3 to 9 sector LTE cell site deployments, utilizes a patented spherical lens design with 3 isolated high-frequency (1710-2690MHz) cross-polarized beams. Each beam has 2 cross-polarized ports for supporting 2X2 MIMO. Tilt is adjustable from 0-30° for each beam. High tilt provides null at horizon.



Select antenna profile type from the drop-down list:

MBA-2

Note: Dimensions on the drawing shown in mm

**Antenna Model Number (optional)**  
MS-MBA-2

**Velocity**  
Select Measurement Unit: km/h  
Velocity: 150

**Dimensions**  
Select Measurement Unit: mm  
Length: 524.8

Length of antenna including end caps.  
Do not include connectors, mounting brackets,  
RET actuators/shrouds, lightning spikes  
and other attached features.

Results			
	Frontal	Lateral	Rear
Profile Drag Coefficient	1.1	1.42	1.29
Antenna Correction Coefficient	0.6	0.6	0.6
Antenna Drag Coefficient	0.66	0.85	0.77
Wind Load (N/lbf)	225 / 50.6	323 / 72.6	264 / 59.4
Effective Drag Area(m <sup>2</sup> /ft <sup>2</sup> )	0.21 / 2.28	0.3 / 3.27	0.25 / 2.67