

MS-MBA-3.2-H4-L4

Lens Technology Enabled™ Multi-Beam Base-Station Antenna perfect for 6 to 9 high-band sector LTE cell site deployment and 3 to 6 low-band sector LTE cell site deployment for best CINR results. Utilizes a patented spherical lens design with 3 isolated high-frequency (1695-2690MHz) cross-polarized beams and 2 isolated low-frequency (698-960MHz) cross-polarized beams. Each beam is made of two independent antennas and has 4 ports. There are two independent tilt settings per beam (0-30° for HB and 0-40° for LB) tilt for each pair of cross-polarized elements.



WL2019 - Wind Load Calculator for Antenna Profiles (ver. 04.2019)

Select antenna profile type from the drop-down list:

Note: Dimensions on the drawing shown in mm

Antenna Model Number (optional)

Velocity
 Select Measurement Unit:
 Velocity:

Dimensions
 Select Measurement Unit:
 Length:

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	1.65	1.58
Antenna Correction Coefficient	0.6	0.6	0.6
Antenna Drag Coefficient	0.66	0.99	0.95
Wind Load (N/lbf)	786 / 176.7	1223 / 275	1129 / 253.8
Effective Drag Area(m ² /ft ²)	0.74 / 7.96	1.15 / 12.39	1.06 / 11.43