

**MS-MBA-4.2-H2-L2**

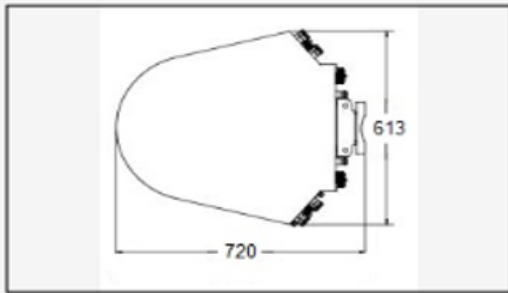
**WIND LOADING**

**Multi-Beam Dual Band Spherical Lens Antenna: 4 independent high-frequency (1695-2690MHz) cross-polarized beams and 2 independent low-frequency (698-960MHz) cross-polarized beams with 2X2 MIMO support. Each beam has independent tilt adjust, for high frequency 0°-20° and for low frequency 0°-40°.**



Select antenna profile type from the drop-down list:

MS-MBA-4.2-H2-L2



Note: Dimensions on the drawing shown in mm

**Antenna Model Number (optional)**

MS-MBA-4.2-H2-L2

**Velocity**

Select Measurement Unit

km/h

Velocity

150

**Dimensions**

Select Measurement Unit

mm

Length

1100

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

Calculate

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)	473 / 106.3	736 / 165.5	679 / 152.7
Effective Drag Area(m <sup>2</sup> /ft <sup>2</sup> )	0.45 / 4.79	0.69 / 7.46	0.64 / 6.88