

MS-MBA-3.3-LAA2-F4

Lens Technology Enabled™ Multi-Beam Dual Band Base-Station Antenna utilizes a patented spherical lens design with 3 isolated LAA-frequency (5.0GHz – 6.0GHz) cross-polarized beams and 3 isolated CBRS-frequency (3.3GHz – 4.2GHz) cross-polarized beams. Each LAA beam has 2 ports to support 2x2 MIMO. Each CBRS beam has 4 ports to support 4x4 MIMO. There are two independent tilt settings per beam (0-30° for CBRS and 0-30° for LAA).



| Wind Load | Antenna MS-MBA-3.3-LAA2-F4 |
|-----------|---|
| | Antenna Model Number MS-MBA-3.3-LAA2-F4 |
| | Velocity [km/h] 150 |
| | Dimensions: H x W x D [mm] 1025 x 423 x 362 |
| | Spherical Lens Diameter [mm] - |
| | - |

Results

| | Frontal | Lateral |
|---------------------------------------|-----------|-----------|
| Antenna Drag Coefficient | 1.15 | 1.6 |
| Aspect ratio / Correction coefficient | 2.4 / 0.6 | 2.8 / 0.6 |
| Frontal Wind Load [N/lbf] | 318 / 71 | 402 / 90 |

