

MT-952015/N/A

2.4–2.5, 5.47-5.875 GHz 5/6.5 dBi Omni Directional Antenna

Electrical

| | |
|-----------------------|---|
| Regulatory Compliance | RoHS , CE 0682 |
| Frequency | 2.4 – 2.5 GHz 5.47 – 5.875 GHz |
| Gain | 5 ±1 dBi @ 2.4 – 2.5 GHz 6.5 ±1.5 dBi @ 5.47 – 5.875 GHz |
| VSWR | 2 :1 max |
| Azimuth Beam Width | 360° |
| Polarization | Vertical |
| E-Plane Beam Width | 25° typ @ 2.4 – 2.5 GHz 13° typ @ 5.47 – 5.875 GHz |
| Input Impedance | 50 ohm |
| Input Power | 6 W max |
| Lightning Protection | DC Grounded |

Mechanical

| | |
|------------------------------|---|
| Dimensions Diameter x Height | Ø28 x 260 mm max |
| Weight | 0.2 kg max |
| Connector | N- Type male |
| Radome | Plastic |
| Base Plate | Aluminum with chemical conversion coating |

Environmental

| Test | Standard | Duration | Temperature | Notes |
|------------------|----------------------|-------------|---------------|--------------|
| Low Temperature | IEC 68-2-1 | 72 h | -55 °C | |
| High Temperature | IEC 68-2-2 | 72 h | +71 °C | |
| Temp. Cycling | IEC 68-2-14 | 1 h | -45 °C +70 °C | 3 Cycles |
| Vibration | IEC 60721-3-4 | 30 min/axis | | Random 4M5 |
| Shock Mechanical | IEC 60721-3-4 | | | 4M5 |
| Humidity | ETSI EN300-2-4 T4.1E | 144 h | | 95% |
| Water Tightness | IEC 529 | | | IP67 |
| Solar Radiation | ASTM G53 | 1000 h | | |
| Salt Spray | IEC 68-2-11 Ka | 500 h | | |
| Ice And Snow | | | | 25 mm Radial |
| Wind Speed | Survival | | | 220 Km/h |
| | Operation | | | 160 Km/h |

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