

5GHz 19dBi 2x2 Panel Antenna

Specifications

Electrical Specifications

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|----------------------|--|
| Frequency Range | 4.9 – 5.875 GHz |
| Gain | 19 ± 1 dBi |
| Polarization | Dual Pole Linear, Vertical and Horizontal Dual Slant ±45° if mounted diagonally |
| Horizontal Beamwidth | 16° (-3 dB) |
| Vertical Beamwidth | 16° (-3 dB) |
| Side Lobes Level | ETSI TS2 |
| VSWR | 1.7 (Max.) |
| Front-to-back Ratio | -20 dB (Min.), ETSI TS2 |
| Cross-polar Ratio | -20 dB (Min.) |
| Isolation | -30 dB (Min.) |
| Impedance | 50 Ω |
| Power Handling | 10 W (Max.) |
| Lightning Protection | DC Grounded |

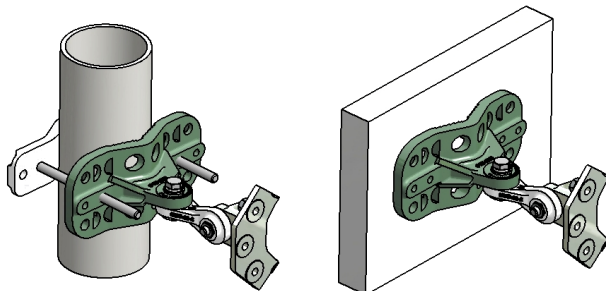
Environmental Specifications

| | |
|--------------|---|
| Temperature | -40 °C to +65 °C |
| Humidity | ETS 300 019-1-4; EN 302 085 (Annex A.1.1) |
| Wind Loading | 200 km/hr (Survival) |
| Vibration | IEC 60721-3-4 |
| Flammability | UL94 |
| Weatherproof | IP67 |
| Salt Fog | IEC 68-2-11 |

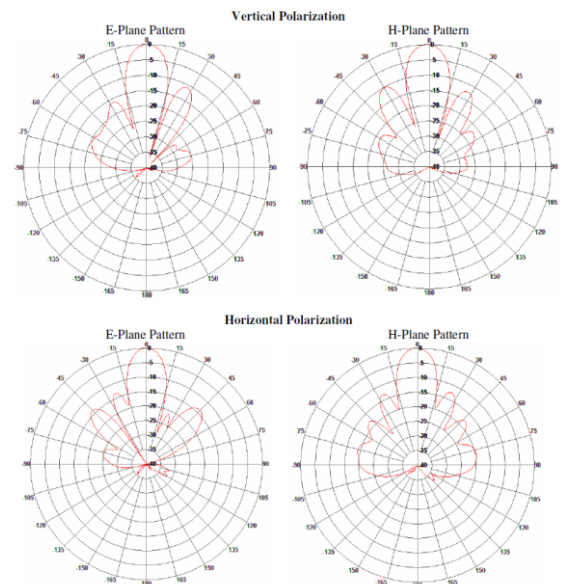
Mechanical Specifications

| | |
|---------------------|---|
| Radome Material | UV Protected Polycarbonate |
| Reflector Material | Aluminium, Protected Through Chemical Passivation |
| Mounting Material | Aluminium |
| Weight | 400 g (Antenna) 760 g (Mounting Kit) |
| Dimensions | 200 × 200 × 33 mm |
| Connector | 2 × N-female |
| Mounting Type | Pole or Wall Mounting |
| Pole Diameter | Ø25 to 120 mm (Screws supplied are 80 mm long) |
| Mechanical Movement | ±45° (Azimuth); ±45° (Elevation) |

Mounting Diagram



Antenna Patterns



Product Ordering

Part Number: GEAN-5P19-02

5GHz 19dBi 2x2 Panel Antenna

Including Mounting Kit

Excluding RF Cable

Contact Us

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