

5GHz 8dBi Omni Antenna

Specifications

Electrical Specifications

Frequency Range	5.100 – 5.875 GHz
Gain	8±1 dBi
Polarization	Linear, Vertical
Horizontal Beamwidth	360°
Vertical Beamwidth	12° (-3 dB)
Side Lobes Level	-8 dB (Max.)
VSWR	2.0 (Max.)
Impedance	50 Ω
Power Handling	2 W (cw)
Lightning Protection	DC Ground

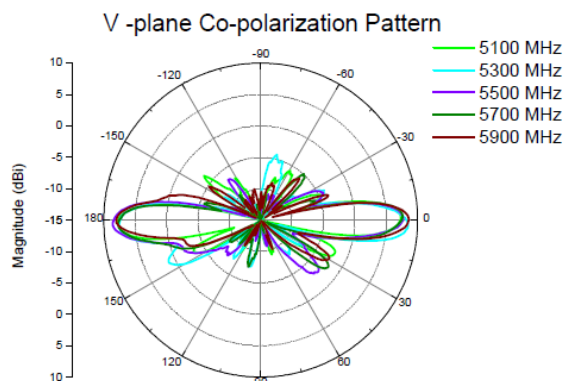
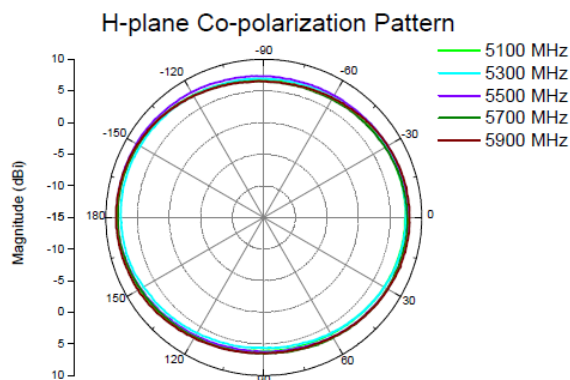
Environmental Specifications

Temperature	-40 °C to +80 °C
Humidity	95% at 55°C
Wind Loading	216 km/hr (Survival)
Waterproof	IP67

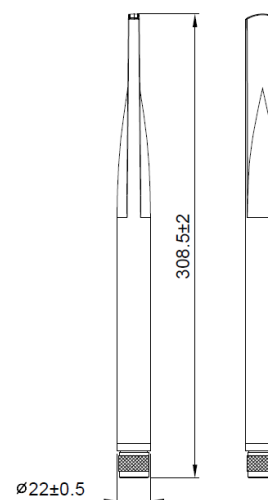
Mechanical Specifications

Radome Material	ABS, UV Resistant
Radome Color	Grey
Weight	97 g
Dimensions	Ø22 x 308.5 mm
Connector	N-male

Antenna Patterns



Dimensions Diagram



Product Ordering

Part Number: GE.AN-OM08-5G

5GHz, 8dBi Omni Antenna
- N-male Connector

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