

# Dual-band 5/7 dBi Omni Antenna

## Specifications

### Electrical Specifications

Frequency Range	2.4 – 2.5 GHz	5.15 – 5.875 GHz
Gain	4.5 dBi (Peak)	7.0 dBi (Peak)
Polarization	Linear, Vertical	
Horizontal Beamwidth	360° (-3 dB)	
Vertical Beamwidth	30° (-3 dB)	15° (-3 dB)
VSWR	2.0 (Max.)	
Impedance	50 Ω	
Power Handling	2 W (cw)	

### Environmental Specifications

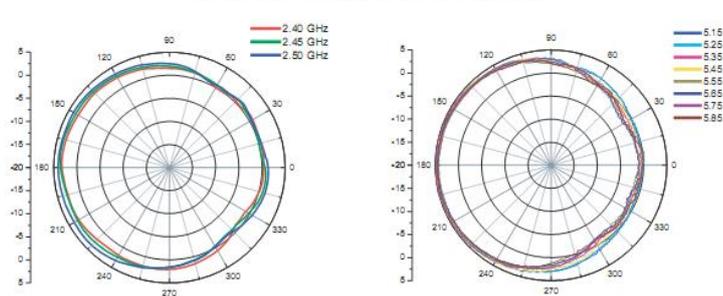
Temperature	-40 °C to +80 °C	
Humidity	95% at 55°C	
Wind Loading	216 km/hr (Survival)	

### Mechanical Specifications

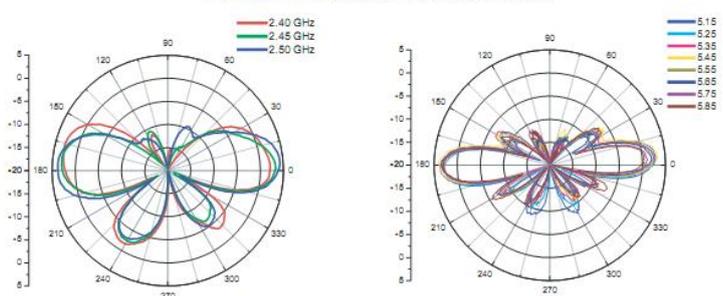
Radome Material	ABS	
Radome Color	Grey	
Weight	70 g	
Dimensions	Ø22 x 183 mm	
Connector	N-male	

### Antenna Patterns

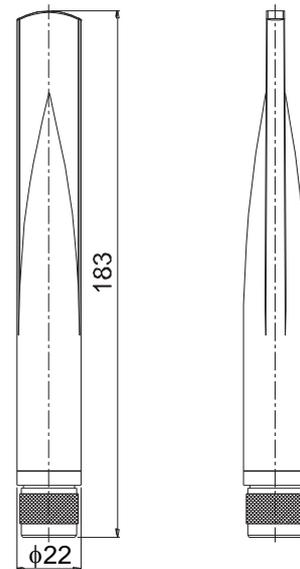
H-plane Co-polarization pattern



V-plane Co-polarization pattern



### Dimensions Diagram



### Product Ordering

Part Number: GE.AN-OM05-DB

Dual-band 2.4 and 5 GHz 5/7 dBi Omni Antenna

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