
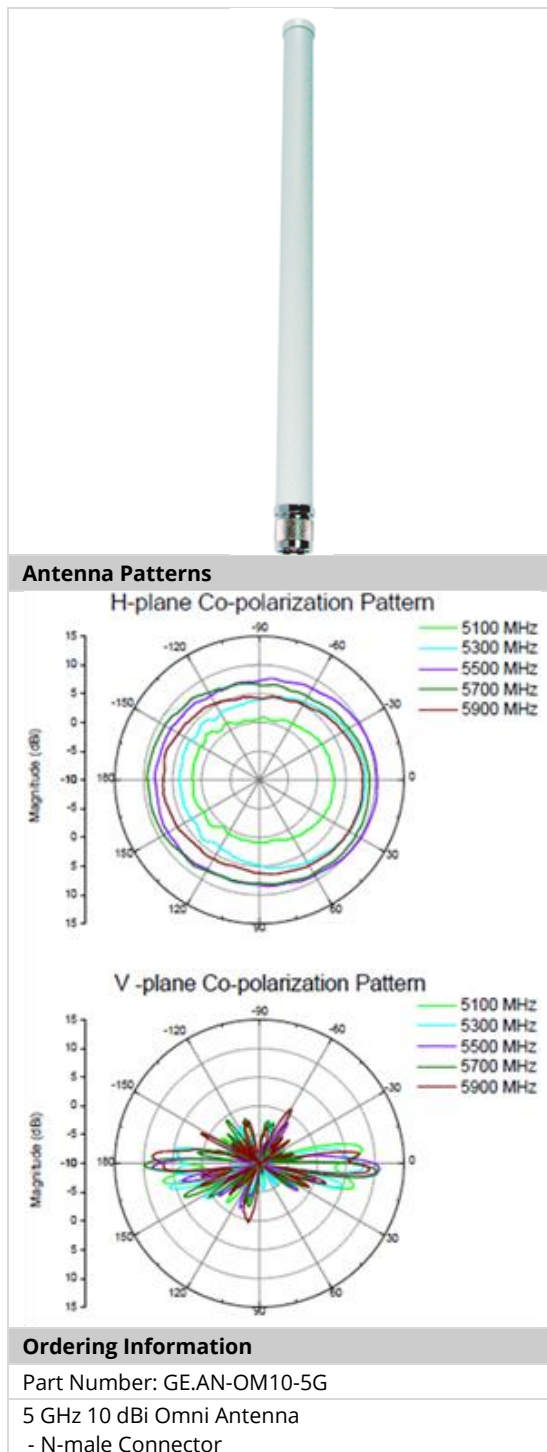


## 5GHz 10dBi Omni Antenna Specifications

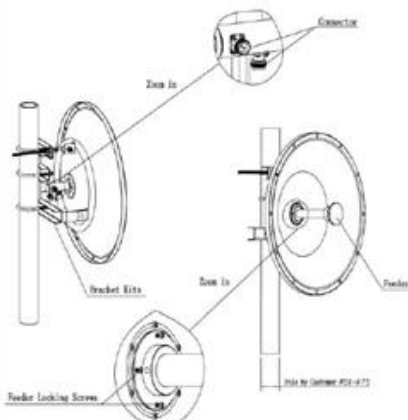
Electrical		
Frequency Range	5.100 – 5.500 GHz	5.500 – 5.825 GHz
Gain	3 – 8 dBi	10 dBi
Polarization	Linear, Vertical	Linear, Vertical
Horizontal Beamwidth	360° (-3 dB)	360° (-3 dB)
Vertical Beamwidth	9° (-3 dB)	8° (-3 dB)
Side Lobes Level	-1 dB (Max.)	-4 dB (Max.)
VSWR	2.0 (Max.)	2.0 (Max.)
Impedance	50 Ω	50 Ω
Power Handling	6 W (cw)	6 W (cw)
Environmental		
Temperature	-40 °C to +80 °C	
Humidity	95% at 55°C	
Wind Loading	216 km/hr (Survival)	
Mechanical		
Radome Material	Fiberglass, UV Resistant	
Radome Color	Grey-white	
Weight	135 g	
Dimensions	Ø21 x 513 mm	
Connector	N-male	
Dimensions Diagram		
		

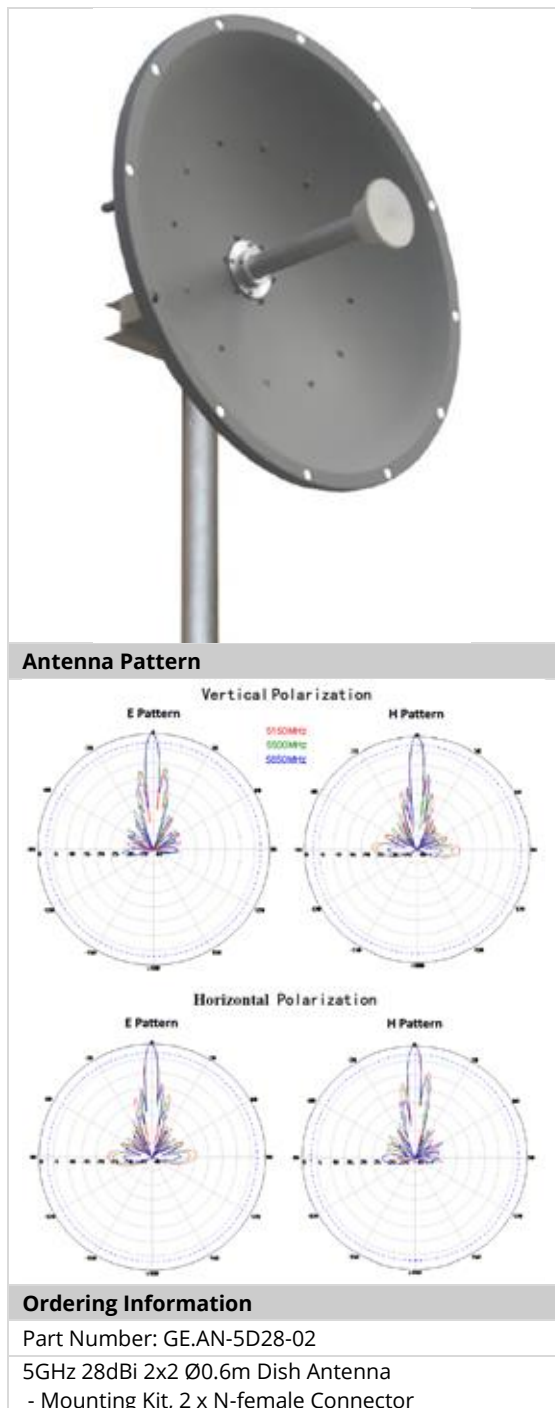


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## 5GHz 28dBi 2x2 Dish Antenna Specifications

Electrical	
Frequency Range	5.15 – 5.85 GHz
Gain	28.5 dBi
Polarization	Dual Pole Linear, Vertical and Horizontal
Horizontal Beamwidth	5° (-3 dB)
Vertical Beamwidth	5° (-3 dB)
Side Lobes Level	ETSI TS2
VSWR	1.5 (Max.)
Front-to-back Ratio	-35 dB (Min.)
Cross-polar Ratio	-20 dB (Min.)
Isolation	-28 dB (Min.)
Impedance	50 Ω
Power Handling	100 W (Max.)
Environmental	
Temperature	-40 °C to +65 °C
Humidity	ETS 300019-1-4; EN302085 (Annex A.1.1)
Wind Loading	200 km/hr (Survival)
Vibration	IEC 60721-3-4
Flammability	UL94
Weatherproof	IP56
Salt Fog	IEC 68-2-11
Mechanical	
Reflector Material	UV-coated Aluminum Alloy
Mounting Material	Steel
Weight	5.5 kg
Dimensions	Ø600 mm (2 ft.)
Connector	2 x N-female
Mounting Type	Pole Mounting
Pole Diameter	Ø50 to 75 mm
Mechanical Movement	360° (Azimuth); -15° to +5° (Elevation)
Mounting Diagram	
	



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## 5GHz 32dBi 2x2 Dish Antenna Specifications

### Electrical

Frequency Range	5.15 – 5.85 GHz
Gain	32 dBi
Polarization	Dual Pole Linear, Vertical and Horizontal
Horizontal Beamwidth	3.5° (-3 dB)
Vertical Beamwidth	3.5° (-3 dB)
Side Lobes Level	ETSI TS2
VSWR	1.5 (Max.)
Front-to-back Ratio	-40 dB (Min.)
Cross-polar Ratio	-20 dB (Min.)
Isolation	-28 dB (Min.)
Impedance	50 Ω
Power Handling	100 W (Max.)

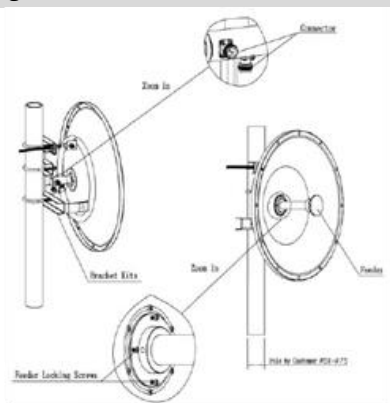
### Environmental

Temperature	-40 °C to +65 °C
Humidity	ETS 300019-1-4; EN302085 (Annex A.1.1)
Wind Loading	200 km/hr (Survival)
Vibration	IEC 60721-3-4
Flammability	UL94
Weatherproof	IP56
Salt Fog	IEC 68-2-11

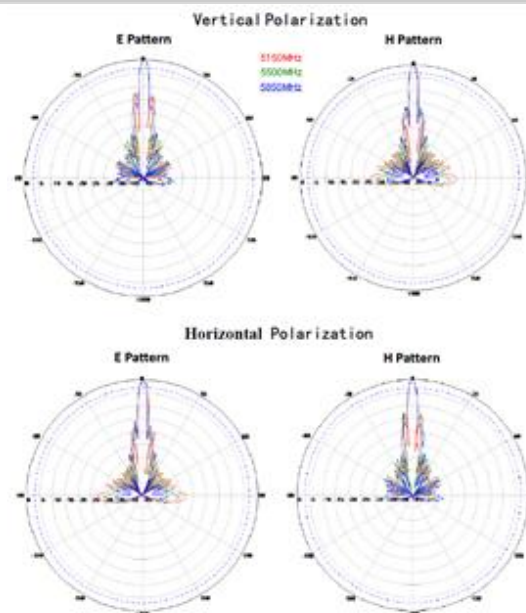
### Mechanical

Reflector Material	UV-coated Aluminum Alloy
Mounting Material	Steel
Mounting Material	10.5 kg
Weight	Ø900 mm (3 ft.)
Dimensions	2 x N-female
Connector	Pole Mounting
Mounting Type	Ø50 to 75 mm
Pole Diameter	360° (Azimuth); -15° to +5° (Elevation)
Mechanical Movement	UV-coated Aluminum Alloy

### Mounting Diagram



### Antenna Pattern



### Ordering Information

Part Number: GE.AN-5D32-02  
 5GHz 32dBi 2x2 Ø0.9m Dish Antenna  
 - Mounting Kit, 2 x N-female Connector

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## 5GHz 32dBi 2x2 High Performance Dish Antenna Specifications

### Electrical

Frequency Range	5.1 – 5.9 GHz
Gain	32 dBi
Polarization	Dual Polarized
Horizontal Beamwidth	4° (-3 dB)
Vertical Beamwidth	4° (-3 dB)
Side Lobes Level	-15 dB
VSWR	1.7 (Max.)
Front-to-back Ratio	-40 dB (Min.)
Cross-polar Ratio	-20 dB (Min.)
Isolation	-36 dB (Min., 5.1 – 5.6 GHz) -20 dB (Min., 5.6 – 5.8 GHz)
Impedance	50 $\Omega$
Power Handling	100 W (Max.)

### Environmental

Temperature	-40 °C to +65 °C
Humidity	ETS 300019-1-4; EN302085 (Annex A.1.1)
Wind Loading	200 km/hr (Survival)
Vibration	IEC 60721-3-4
Flammability	UL94
Weatherproof	IP65
Salt Fog	IEC 68-2-11

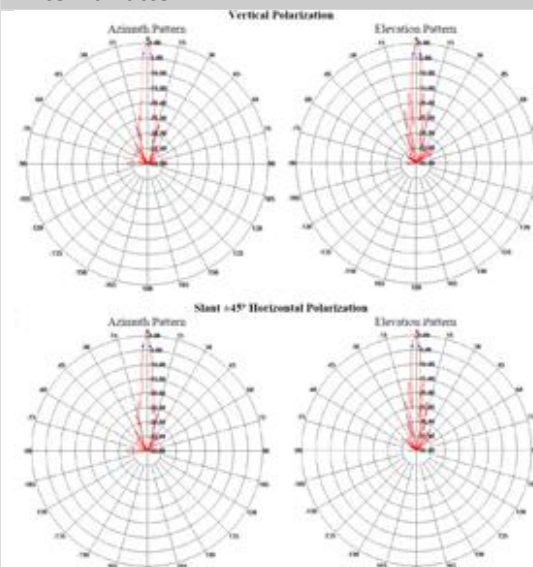
### Mechanical

Weight	18 kg
Dimensions	Ø900 mm (3 ft.)
Connector	2 x N-female
Mounting Type	Pole Mounting

### Mounting Diagram



### Antenna Pattern



### Ordering Information

Part Number: GE.AN-5D32-H2

5GHz 32dBi 2x2 High Performance Dish Antenna  
- Mounting Kit, 2 x N-female Connector

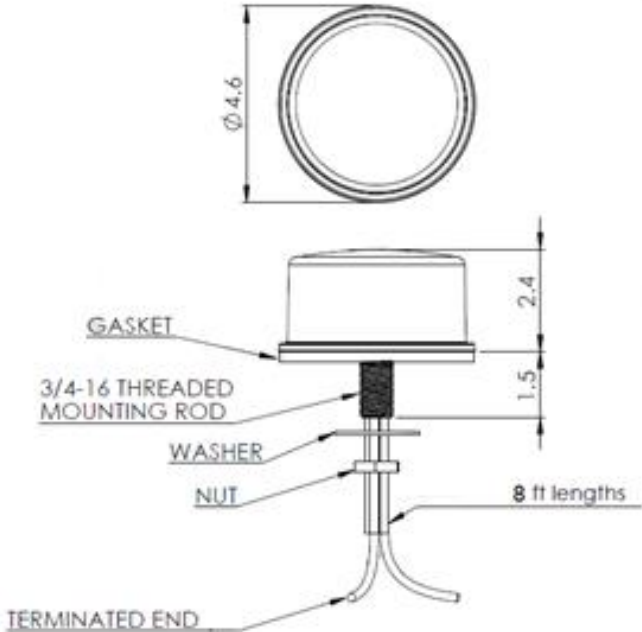
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## 4.9-6GHz 4dBi Mobile Omni Antenna

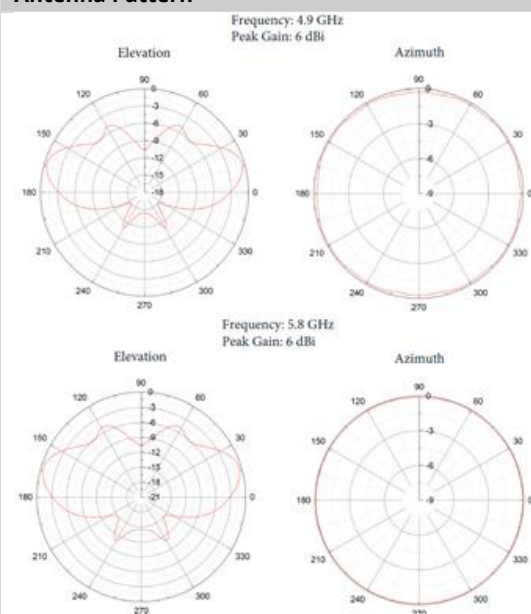
### Specifications

Electrical	
Frequency Range	4.9 – 6.0 GHz
Gain	4 dBi
Polarization	Multi-polarized
Horizontal Beamwidth	360°
Vertical Beamwidth	Hemispheric
VSWR	1.1 to 1.5
Impedance	50 Ω
Power Handling	50 W
Lightning Protection	Built-in Ground Plate
Environmental	
Temperature	-40 °C to +85 °C
Weatherproof	IP67
Mechanical	
Reflector Material	UV Stabilized ASA
Mounting Material	Black
Weight	340 g (12 oz)
Dimensions	Ø115 x 64 mm (Ø4.5 x 2.5 in)
Antenna Feed	2 Feeds
Coaxial Pigtail	2.45 m (8 ft), Low Loss 200 Series
Connector	N-male
Mounting	3/4 Stud Mount
Mounting Diagram	
	



\*Product color is for illustration only.

#### Antenna Pattern



#### Ordering Information

Part Number: GE.AN-MM04-B8

4.9-6GHz, 4dBi, Outdoor Mobile Omni Antenna  
(Model No.: 08-ANT-0937-BL-2X-G8)

- Mounting Nut/Washer, Black, 2 x 8ft 200 Series  
Coaxial Pigtail with N-male Connector

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