



# BROADBAND PROPAGATION

## Antenna Design & Supply

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### HGO-2400-2500 High Gain Omnidirectional Antenna

The HGO-2400-2500 High Gain Omnidirectional Antenna Operates in the Wi-Fi band between 2.4 GHz and 2.5 GHz and is ruggedized to operate in a range of adverse outdoor conditions. It is a ground independent collinear antenna and can be mounted on a variety of platforms including vehicles and shelters.

It exhibits good VSWR across its full bandwidth and has high omnidirectional gain in the horizontal (H) plane with minimal side-lobes.

Peak gain is 12 dBi. It can be fitted with a variety of connectors including Reverse Polarity TNC plug

#### Specifications

Frequency range: 2400 to 2500 MHz  
Input Impedance: 50 Ohms  
Power Rating: 50 watts  
Nominal VSWR: 1.5:1 (average across band, max 1.9:1)

Gain: 12 dBi maximum  
Polarisation: Vertical, Linear  
Radiation pattern: Highly directional in vertical (E) plane, Omni Directional in horizontal (H) plane  
Input Connector: RP-TNC (Reverse Polarity TNC) plug

Colour: Matt Black overall  
Diameter: 4 cm  
Length: 110 cm  
Weight: 1.45 kg  
Operating Temp. -40°C to +70°C



*Supplied with Marine Grade Stainless steel parallel mounting clamp*

