

# 4G LTE Directional Antenna

This multi-band Yagi antenna focuses its signal in one direction for greater gain. It is designed for use on stationary objects such as buildings.



## Overview

### High-Performance Directional Connectivity

This 4G LTE Directional Antenna is engineered to significantly enhance cellular signal reception and transmission. Featuring a log-periodic dipole array (LPDA) design, it provides wide bandwidth and consistent gain across essential LTE frequency bands. Its durable, weather-resistant construction makes it an ideal solution for both indoor and outdoor installations, effectively improving data speeds and reliability in areas with weak signal coverage.

## Electrical Specifications

### Key Performance Metrics

**11 dBi**

Max Gain

**1.8**

VSWR

**50 W**

Max Input Power

### Beamwidth & F/B Ratio

Parameter	Value
Horizontal Beam Width	90°
Vertical Beam Width	60°
F/B Ratio	>16dB

### Connectivity Details

- Polarization: Vertical/Horizontal
- Impedance: 50 Ohm
- Connector: N female
- Cable Type: RG58U
- Cable Length: 300mm

Frequency Range	750-960 / 1710-2700 MHz
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## Mechanical Specifications

Physical Dimensions	440 x 200 x 70 mm
Weight	2.2 kg
Operating Temperature	-40°C to +80°C

## Compliance

Certifications	CE, ISO 9001
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