

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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