



600-6000MHz 4X4 MIMO UWB 5G LTE

Omni-Directional Antenna Part

No:GL-Q6060F05X4DP

1. Introduction

This is a high-performance omnidirectional antenna designed specifically for the next generation of

communication networks. Its core advantage lies in its ultra wide frequency band coverage of 600-6000 MHz, which is fully compatible with all current mainstream LTE and 5G frequency bands.

Through the innovative design of vertically separated radiation units within a single enclosure, this

antenna achieves 4×4 MIMO technology, ensuring precise control of signal radiation patterns across the entire frequency band while significantly improving data transmission efficiency and network stability.

Whether deployed in densely populated urban areas or commercial complexes, our AC-Q6060F05X4DP can provide reliable signal reception worldwide and proactively support LTE Band71 (600-698MHz),

CBRS frequency bands (3400-3800MHz), and Wi Fi (4900-6000MHz), leaving ample space for

future network technology upgrades.





2. Specification

Electrical

Frequency Range	600-960/1710-6000MHzX4
Gain	5dBiX4
Horizontal Beam width	360°
Vertical Beam width	21°
V.S.W.R	600-960MHz≤4.5;1710-6000MHz≤1.8
Radiation	Omni-Direction
Polarization	Vertical & Horizontal
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	4xN Female
Antenna Radome Material	PVC
Mounting way	Pole
Diameter of Installation Pole	Ø30~Ø50mm

Mechanical

Dimensions	Φ75x850mm
Weight	2.5KG
Operating Temperature	-40℃ to+80℃
Rated wind velocity(m/s)	60m/s
RoHS Compliant	YES