

OA05-0010**OMNIDIRECTIONAL ANTENNA 2x2 MIMO 5GHz 10dBi**

The OA05-0010 is a dual-polarity 2x2 MIMO omnidirectional antenna that operates from 5150MHz to 5850MHz. It provides a gain of 10dBi and has a VSWR of less than 2:1. It has a horizontal beamwidth of 360° and a vertical beamwidth of 12°. It is available in a UV and DC ground lightning-resistant PVC enclosure that measures 84 x 500 mm and has two N-female connectors. This sector is designed for fixed and mobile deployments.

OUTDOOR**ANTENNA****SOLUTION**

KEY FEATURES

Outdoor omnidirectional antenna

10 dBi/360°H - 12°V/5.1 - 5.85 GHz

Double polarization

Maximum transmission distance is 500 meters

Maximum Throughput is 100 Mbps

Connected to MegaMesh / GigaMesh routers via antenna cables

U - bolt included

ELECTRICAL SPECIFICATIONS

FREQUENCY	5.15- 5.85 GHz
GAIN	10 dBi
POLARIZATION	Vertical and Horizontal
HPOL BEAMWIDTH	360°
VPOL BEAMWIDTH	12°
VSWR	<2.0:1
IMPEDANCE	50 Ω
MAX. POWER	100 W
ISOLATION	> 30 dB
RATIO CROSS-POLARIZATION	> 20 dB

MECHANICAL SPECIFICATIONS

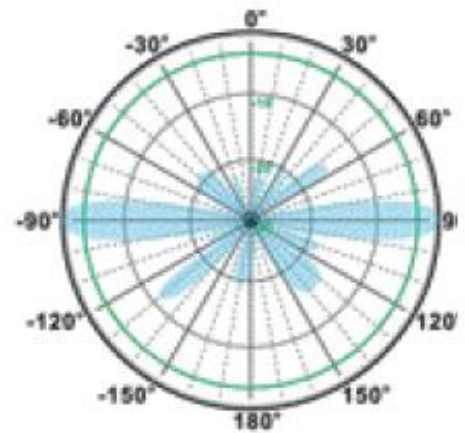
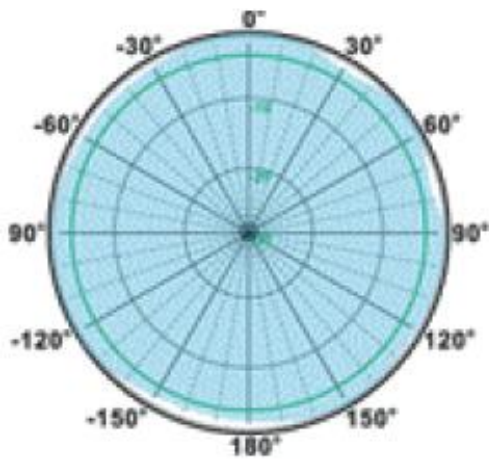
MATERIAL	PVC
PROTECTION	UV protection/Ground DC lightning protection
CONNECTOR TYPE	2 x N-Female
DIMENSIONS	84 x 500 mm 3.3 x 19.7 inch
WEIGHT	1.8 Kg 3.97 lbs.

TEMPERATURE RANGE	-40° to 65°C -40° to 149°F
WIND SURVIVABILITY	210 km/h (certified)/Charge: 14 kg @ 160km/h, 20 kg @ 200km/h, 16.3 kg @ 240km/h
MOUNTING KIT INCLUDED	YES (U - bolt) max diam. 50 mm

ANTENNA PATTERNS

H-PLANE

V-PLANE



ORDERING INFORMATION

OA05-0010