

OA05-0013**OMNIDIRECTIONAL ANTENNA 2x2 MIMO 5GHz 13dBi**

The OA05-0013 is a dual-polarity 2x2 MIMO omnidirectional antenna that operates from 5150MHz to 5850MHz. It provides a gain of 13dBi and has a VSWR of less than 2:1. It has a horizontal beamwidth of 360° and a vertical beamwidth of 7°. It is available in a UV and DC ground lightning-resistant PVC enclosure that measures 84 x 600 mm and has two N-female connectors. This sector is designed for fixed and mobile deployments.

OUTDOOR**ANTENNA****SOLUTION**

KEY FEATURES

Outdoor omnidirectional antenna

13 dBi/360°H - 7°V/5.1 - 5.85 GHz

Double polarization

Maximum transmission distance is 1 Km

Maximum Throughput is 100Mbps

Connected to MegaMesh / GigaMesh routers via antenna cables

U - bolt included

ELECTRICAL SPECIFICATIONS

FREQUENCY	5.15- 5.85 GHz
GAIN	13 dBi
POLARIZATION	Vertical and Horizontal
HPOL BEAMWIDTH	360°
VPOL BEAMWIDTH	7°
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 600 mm 3.3 x 23.6 inch
WEIGHT	2 Kg 4.41 lbs.

TEMPERATURE RANGE	-40° to 65°C -40° to 149°F
WIND SURVIVABILITY	210 km/h (certified)/Charge: 7.3 kg @ 160km/h, 11.8 kg @ 200km/h, 16.3 kg @ 240km/h
MOUNTING KIT INCLUDED	YES (U - bolt) max diam. 40 - 60 mm

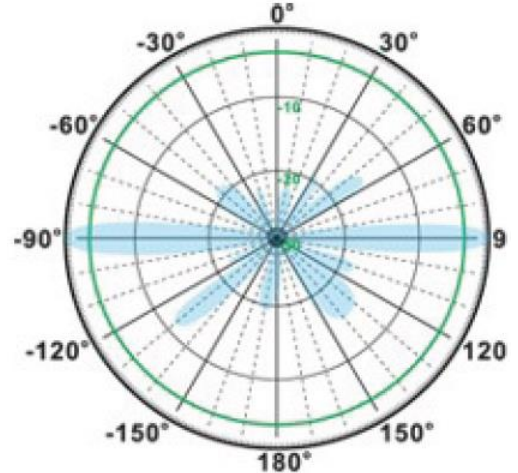
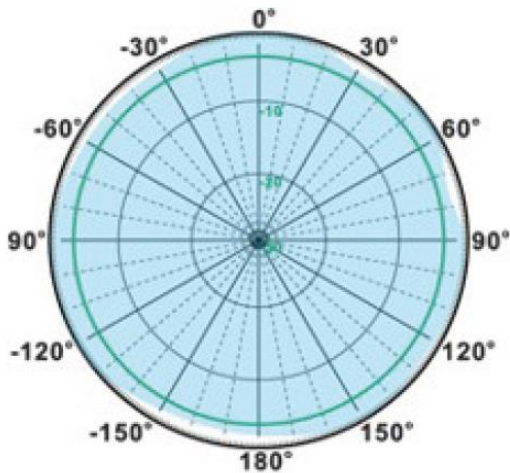


For optimal performance, 2 antennas on the same site must be separated from each other by at least 1 meter (Horizontally or vertically)

ANTENNA PATTERNS

H-PLANE

V-PLANE



ORDERING INFORMATION

OA05-0013