

OA25-0406

DUAL-BAND OMNIDIRECTIONAL ANTENNA 6dBi



The OA25-0406 is an Omnidirectional dual-band antenna that operates in the frequency ranges of 2400 to 2500MHz and 5150MHz to 5850MHz. This vertically polarized antenna has a horizontal beamwidth of 360° and a vertical beamwidth of 90°. It is available in a UV resistant fiberglass radome that measures 195 x 27 mm and is able to withstand extreme outdoor environments. The OA25-0406 antenna is ideally suited for mobility and mesh applications where wide coverage is required.

OUTDOOR

ANTENNA

SOLUTION

KEY FEATURES

Outdoor dual-band omnidirectional antenna

4 dBi/360°H - 90°V/2.4 - 2.5 GHz

6 dBi/360°H - 90°V/5.15 - 5.85 GHz

Screwed directly on MegaMesh / GigaMesh routers

Maximum transmission distance is 500 meters

Maximum Throughput is 75Mbps

ELECTRICAL SPECIFICATIONS

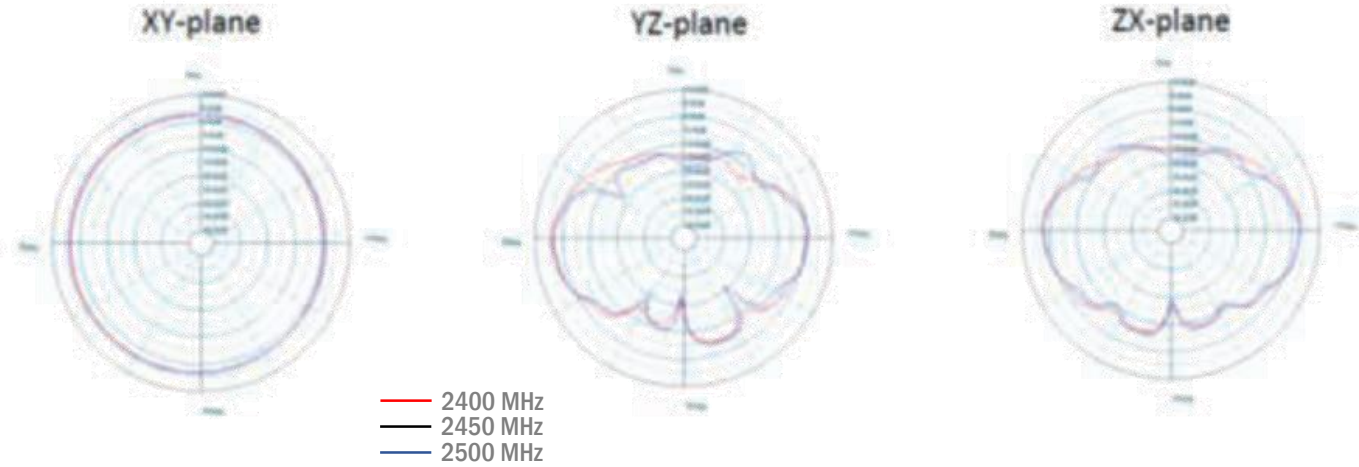
FREQUENCY	2.4- 2.5 GHz 5.15- 5.85 GHz
GAIN	2.4- 2.5 GHz: 4dBi 5.15- 5.85 GHz: 6dBi
POLARIZATION	Vertical
HPOL BEAMWIDTH	360°
VPOL BEAMWIDTH	90°
VSWR	2.4- 2.5 GHz: Max. 2.5:1 5.15- 5.85 GHz: Max. 3:1
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATIONS

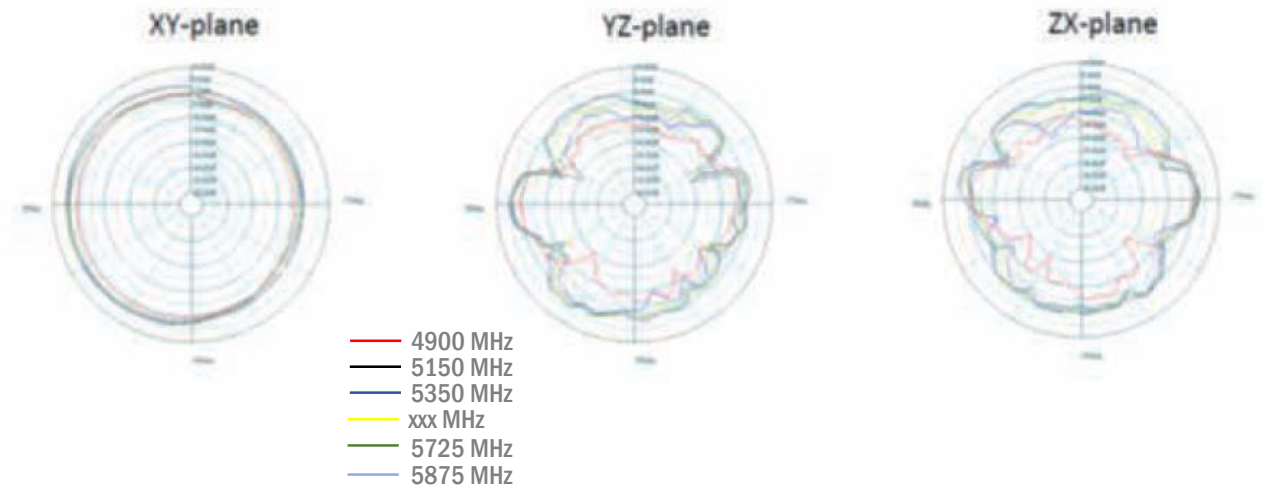
MATERIAL	Fiber glass
PROTECTION	UV protection
CONNECTOR TYPE	1 x N-Female
DIMENSIONS	195 x 27 mm 7.6 x 1.1 inch
WEIGHT	125 g 0.27 lbs.
TEMPERATURE RANGE	-40° to 70°C -40° to 158°F
HUMIDITY	95% @ 55°C
WIND SURVIVABILITY	60 m/s
MOUNTING KIT INCLUDED	Yes (max diam.50mm)

ANTENNA PATTERNS

2.4 GHz radiation patterns



5 GHz radiation patterns



ORDERING INFORMATION

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