

SA05-0022**SMART ANTENNA 2x2 5GHz (4 x 90°) 22 dBi**

The SA05-22 is a smart antenna that features 12x 5GHz 30° sector antennas to increase the coverage area for point-to-point, point-to-multipoint and mesh applications. SA05-22 is composed of 4 antennas, each has three elements, providing built-in mounts to easily connect 3x 5GHz 2x2 MIMO radios per sector thus improving performance. Each radio independently transmits and receives within its corresponding 30° beamwidth. The SA05-22 antenna offers better isolation and less interference from adjoining antennas.

OUTDOOR**ANTENNA****SOLUTION**

SINGLE SECTOR ANTENNA 90° (3 x 30°) SPECIFICATIONS

ELECTRICAL

FREQUENCY	5.15 – 5.85 GHz
GAIN	22 dBi
MAX.VSWR	1.75:1
HPOL BEAMWIDTH	3 x 30° (6 dB)
VPOL BEAMWIDTH	3 x 30° (6 dB)
POLARIZATION	Dual-Linear
CROSS-POLARIZATION ISOLATION	30 dB Min

MECHANICAL

DIMENSIONS	322.6 x 201.5 x 1300 mm 12.7 x 7.93 x 51.18 in.
WEIGHT*	13.1 kg 28.9 lbs
CONNECTORS	6 x RP-SMA
ELECTRICAL BEAMWIDTH	8°
ELECTRICAL DOWNTILT	2°
WIND LOADING	200 km/h (125 mph)
WIND SURVIVABILITY	534 N @ 200 km/h (120 lbf @ 125 mph)
MOUNTING	Universal Pole Mount, Rocket Bracket, and Weatherproof RF Connectors Included

* Weight includes pole mount

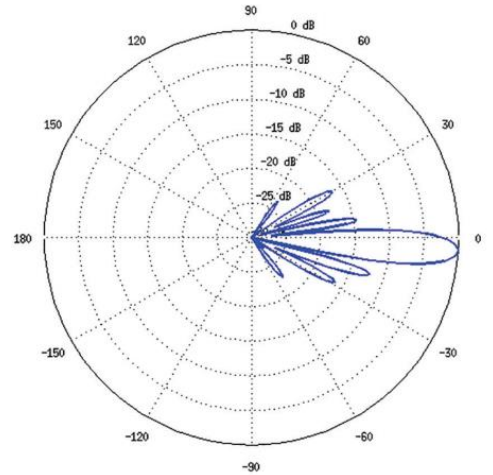
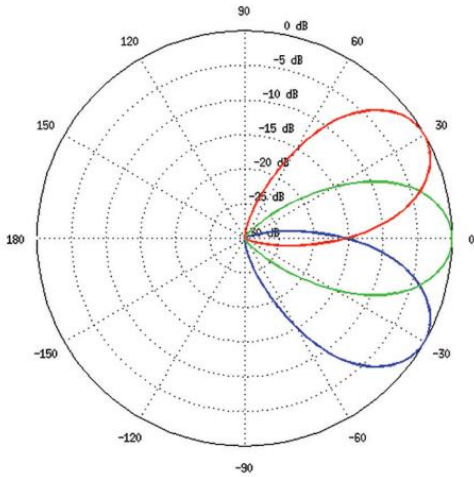
COMPLIANCE

ETSI SPECIFICATION	EN 302 326 DN2
CERTIFICATIONS	CE, FCC, IC

SINGLE SECTOR ANTENNA 90° (3 x 30°) PATTERNS

Vertical Azimuth

Vertical Elevation



Horizontal Azimuth

Horizontal Elevation

