cisco Meraki

Wide Patch (MA-ANT-3-E5/6)

The Wide Patch antenna is ideal for wall-mounted deployments, aesthetic consensus installations in low-density applications and wall-mounted or ceiling-mounted below 25 ft in high-density applications. Some example use cases are in vestibules with very high ceilings but few devices connecting and lecture halls where install is close to the users.



Specifications

Electrical
Antenna type: Wide Patch
Frequency range: 2.400-2.500, 5.150-5.875 GHz
Gain (per antenna element):
• E5: 7 dBi (2.4) / 6.3 dBi (5)
• E6: 7 dBi (2.4) / 6.3 dBi (5)
Polarization: Linear, +/- 45°
Half power beamwidth / horizontal: 60° / 60°
Half power beamwidth / vertical: 60° / 60°
Cables
AA-9303, 1M
Mounting
Surface mount nut included; compatible with MA-MNT-ANT-1 or MA-MNT-ANT-2
articulating arm mounts
Mounts to walls and poles

Physical and Environmental:

Dimensions:

- E5: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm)
- E6: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm)

Weight:

- E5: 38.8 oz (1.1 kg)
- E6: 41.27 oz (1.17 kg)

Material: PC-ABS

Temperature: 32 °F to 104 °F (0 °C to 40 °C)

Humidity: 5% - 93%

Connector: RP-TNC

Warranty

1 year hardware warranty included

Ordering Information

MA-ANT-3-E5/6

MA-MNT-ANT-1 (Standard Mounting Arm)

MA-MNT-ANT-2 (Long Mounting Arm))

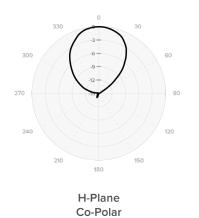
Regulatory

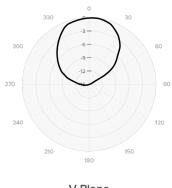
Certified for use with MR42E: MA-ANT-3-E5

Certified for use with MR53E: MA-ANT-3-E6



Radiation Pattern for 2.4 GHz Antennas





V-Plane Co-Polar

MA-ANT-E5

Radiation Pattern for 5 GHz Antennas

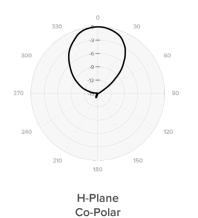


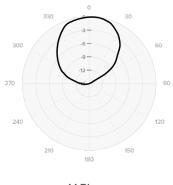
Co-Polar





Radiation Pattern for 2.4 GHz Antennas





V-Plane Co-Polar

MA-ANT-E6

Radiation Pattern for 5 GHz Antennas



Co-Polar

