

MAT-WDB-CA-RM-2-0205

MIMO 2x2, 2.4/5 GHz, dual-band ceiling antenna, 2/5 dBi, RP-SMA-type (male)



- > RP-SMA-type (male) connector
- > Lightweight
- > Easy to mount on the ceiling
- > -40 to 75°C operating temperature range

Specifications

Antenna Characteristics

Frequency: 2.4 to 2.5 or 4.9 to 5.9 GHz

Antenna Type: Omni-directional

Typical Antenna Gain: 2/5 dBi

Connector: RP-SMA-type (male)

Impedance: 50 ohms

Polarization: Linear, vertical, or horizontal

V.S.W.R.: 1.92:1 max.

Power Handling: 10 W max.

Physical Characteristics

Cable Type: RG178

Cable Length: 250 mm

Weight: 115 g

Dimensions:

Diameter: 210.9 mm

Height: 37 mm

Radome Color: White

Radome Material: ABS

Environmental Limits

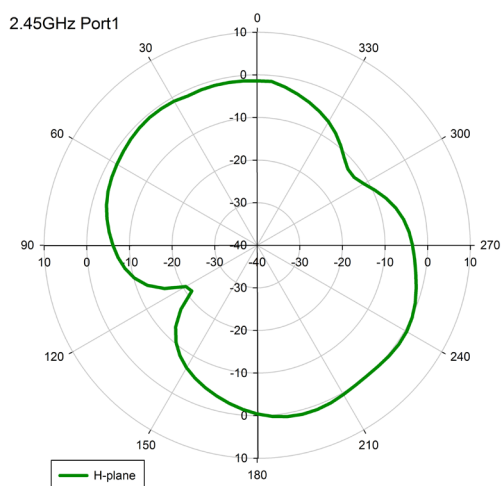
Operating Temperature: -40 to 75°C (-40 to 167°F)

Storage Temperature: -40 to 75°C (-40 to 167°F)

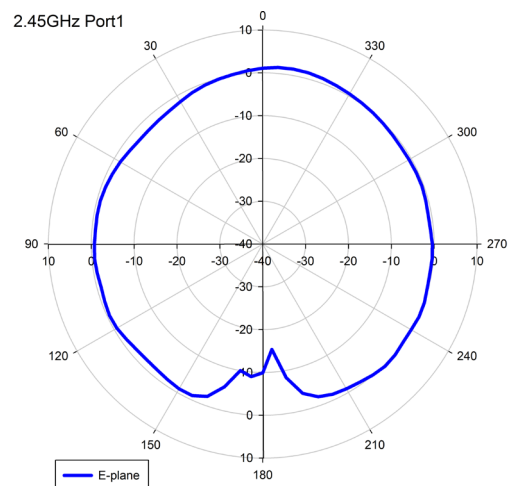
Ambient Relative Humidity: 5 to 95% (30°C, non-condensing)

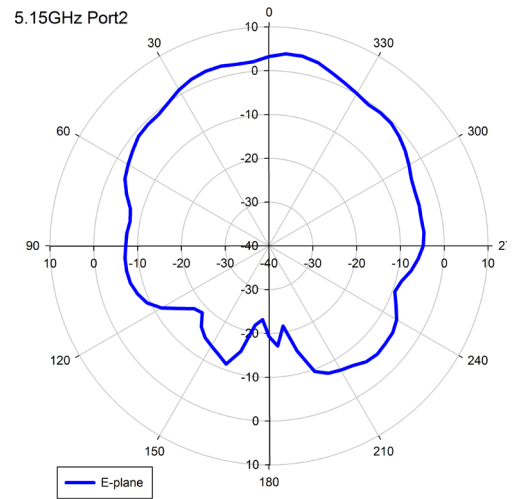
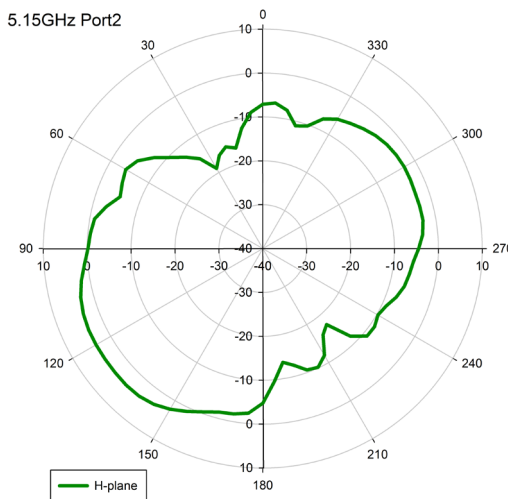
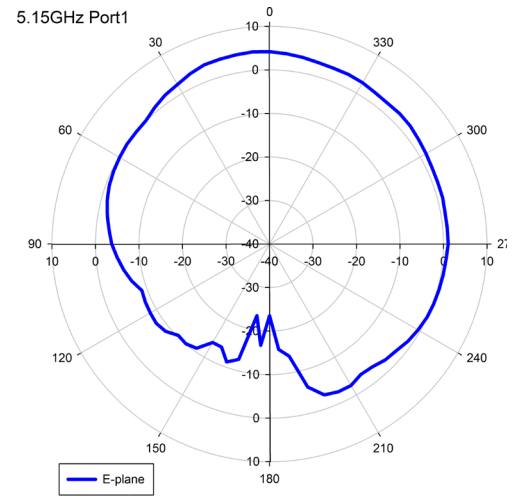
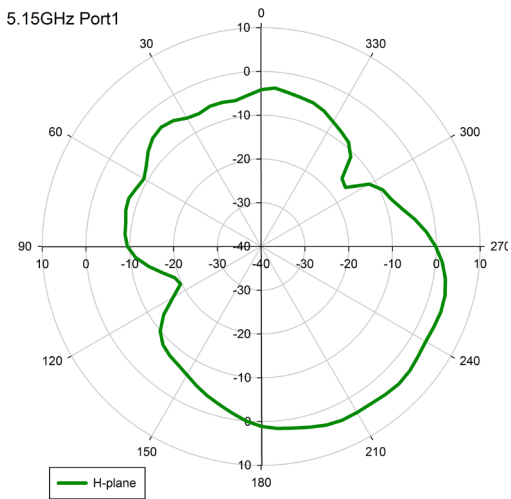
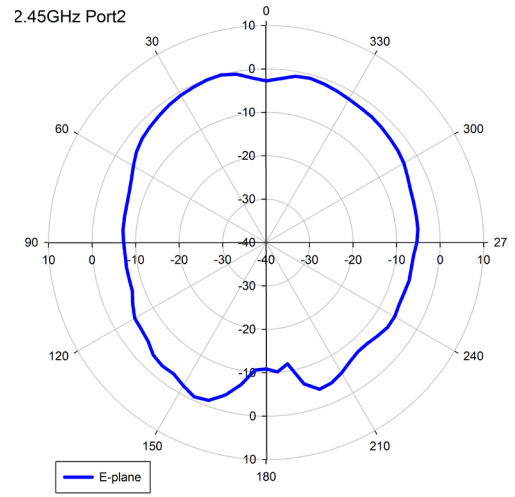
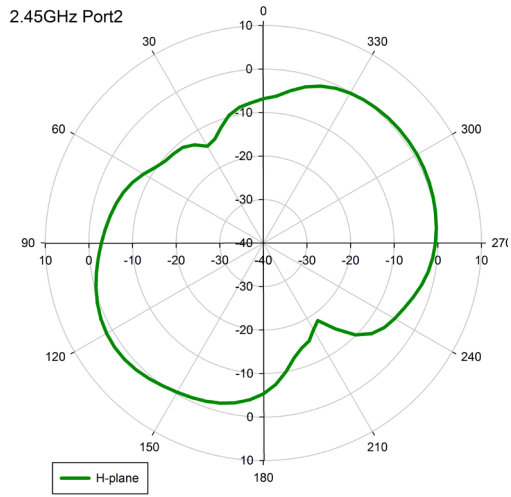
Field Patterns

H-Plane



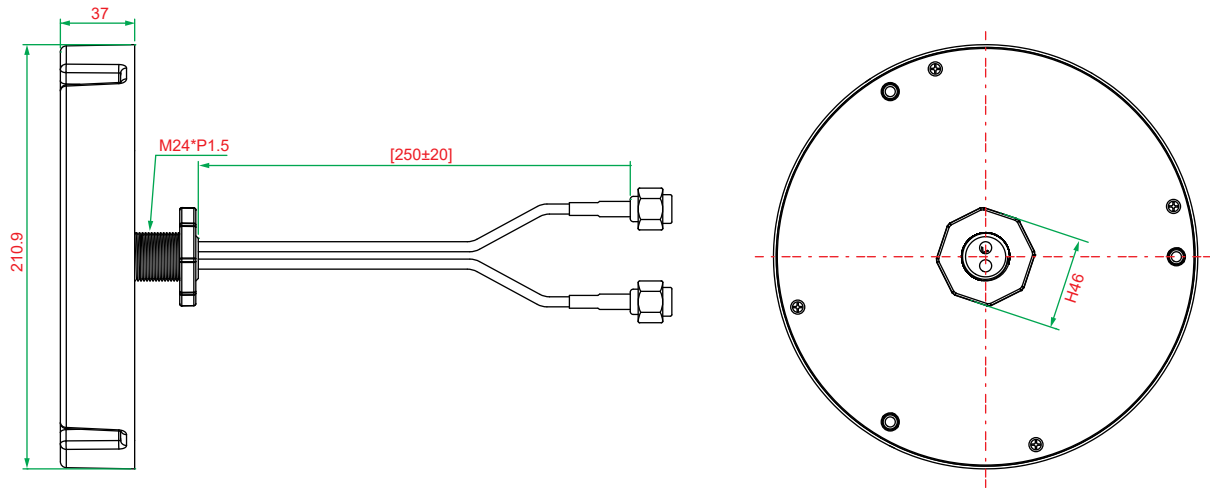
E-Plane





Dimensions

Unit: mm



Ordering Information

Available Models

MAT-WDB-CA-RM-2-0205: MIMO 2x2, 2.4/5 GHz, dual-band ceiling antenna, 2/5 dBi, RP-SMA-type (male)

Can be used with the following products

AWK Series: AWK-1131A, AWK-3131A, AWK-1137C