

Low Profile Tri-band Wi-Fi Access Point Antenna

Wi-Fi Antennas - Omnidirectional

CW-ANT-T-O4-R

Description

Omnidirectional antenna for indoor or outdoor applications

Technologies

- Wi-Fi
- Wi-Fi 6e
- Wi-Fi 7

Features

- Outstanding performance in a very-low profile housing
- White, UL V0 plastic housing
- Built directly on an RPTNC connector for easy use on access points
- Only 3.3 inches long including the connector

SPECIFICATIONS

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Standard Configurations

Model Number	Connector Type	Mount
CW-ANT-T-O4-R	Reverse Polarity TNC	Direct Access Point Mount

Electrical Specifications – RF Antennas

Operational Frequency Ranges	2400 - 2500 MHz	5150 - 5925 MHz	5925 - 6875 MHz	6875 - 7125 MHz
Antenna Type	Omnidirectional			
Nominal Input Impedance	50 Ω			
VSWR	< 2.0 : 1			
Polarization	Vertical			
Peak Gain	1 dBi	2 dBi	3 dBi	4 dBi
Elevation Plane Beamwidth	90°	75°	70°	60°

Mechanical and Environmental Specifications

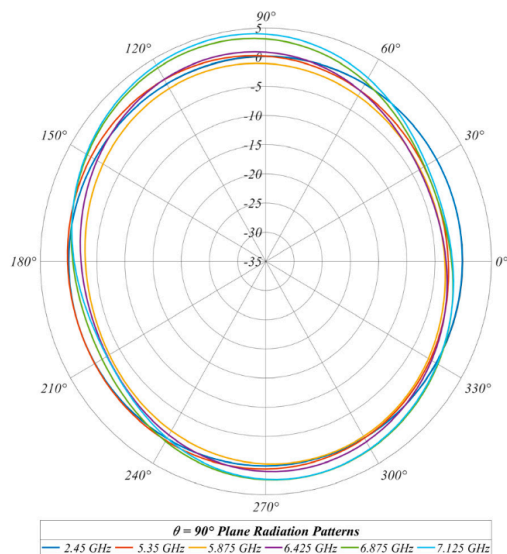
Connector Type	Male RP-TNC
Diameter	0.78 in. (20 mm)
Height	3.3 in. (83 mm)
Weight	1.3 oz (37 grams)
Operating Temperature	-30 °C to +70 °C
Storage Temperature	-40 °C to +85 °C
UV Stability	ASTM D-4674 Method I

RADIATION PATTERNS

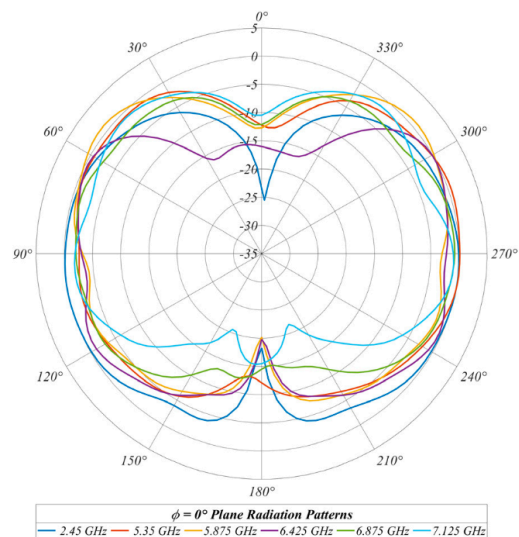
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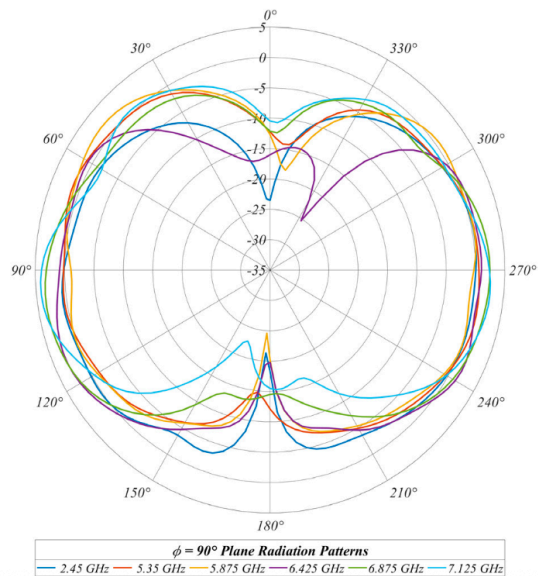
Azimuth Plane: Theta = 90°



Elevation Plane: Phi = 0°



Elevation Plane: Phi = 90°



Model Number	CW-ANT-T-O4-R
Brand	Cisco
Manufacturer	PCTEL, Inc.
Address	471 Brighton Dr., Bloomington, IL 60108 USA