



OC24527-CS3

Vertically Polarized Omni Antenna 2400-2500 MHz/5150-5875 MHz

The wideband OC24527-CS3 antenna offers full-band coverage for 802.11b/a/g/n and includes all hardware required to mount indoors or outdoors.

FEATURES AND BENEFITS

- Vertically polarized omnidirectional
- Rugged, lightweight, and water-resistant
- Compact size
- Full 802.11b/a/g/n wideband performance

APPLICATIONS

- Outdoor metropolitan mesh networks
- Enterprise WLAN networks
- Indoor/outdoor mast mounts
- High to medium density customer premise locations
- MIMO applications

ELECTRICAL SPECIFICATION

Model Number	OC24527-CS3
Cisco Model Number	AIR-ANT2547VG-N
Cisco Mfg Part Number	07-1285-01
Operating Frequency	2400-2483 MHz / 5250-5850 MHz
VSWR - Max	2.0:1
Gain (dBi)	2400-2483 MHz: 4.0 dBi / 5250-5850 MHz: 7.0 dBi
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	10
Polarization	Vertical Linear
E-Plane 3 dB Beamwidth	25° / 14°
H-Plane 3dB Beamwidth	Omnidirectional
Power	10 Watts

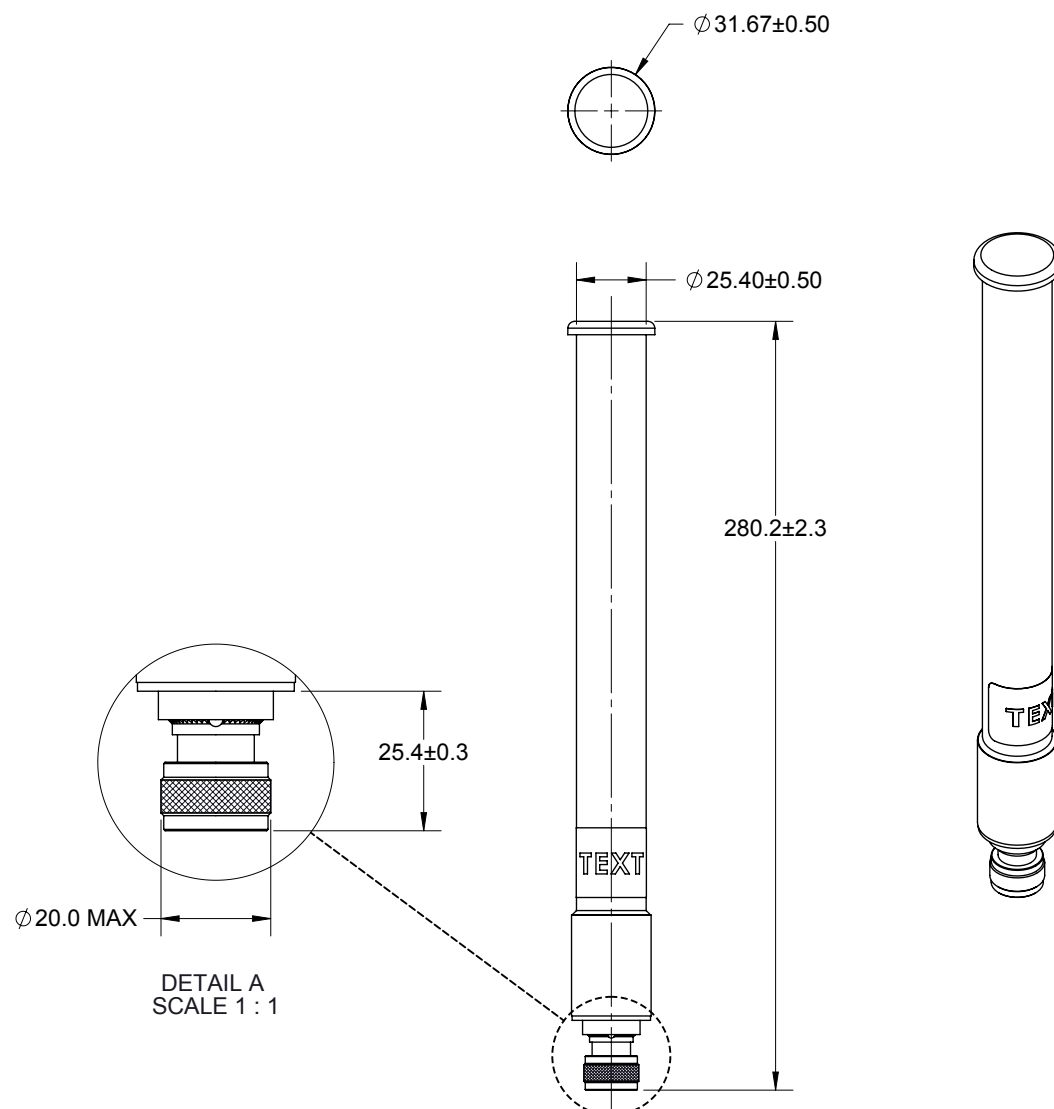
MECHANICAL SPECIFICATION

Dimensions - mm (inches)	280 x 31 (11 x 1.22)
Weight - kg (lbs.)	0.15 (0.33)
Radome Material	Stable Gray UV Polycarbonate
Connector	Type N Male, Fixed, Tri-Metal
Mount Style	Connector Fixed, Fixed Coupling Nut, Upright and Inverted Orientation
IP Rating	IP-66 & IP-67

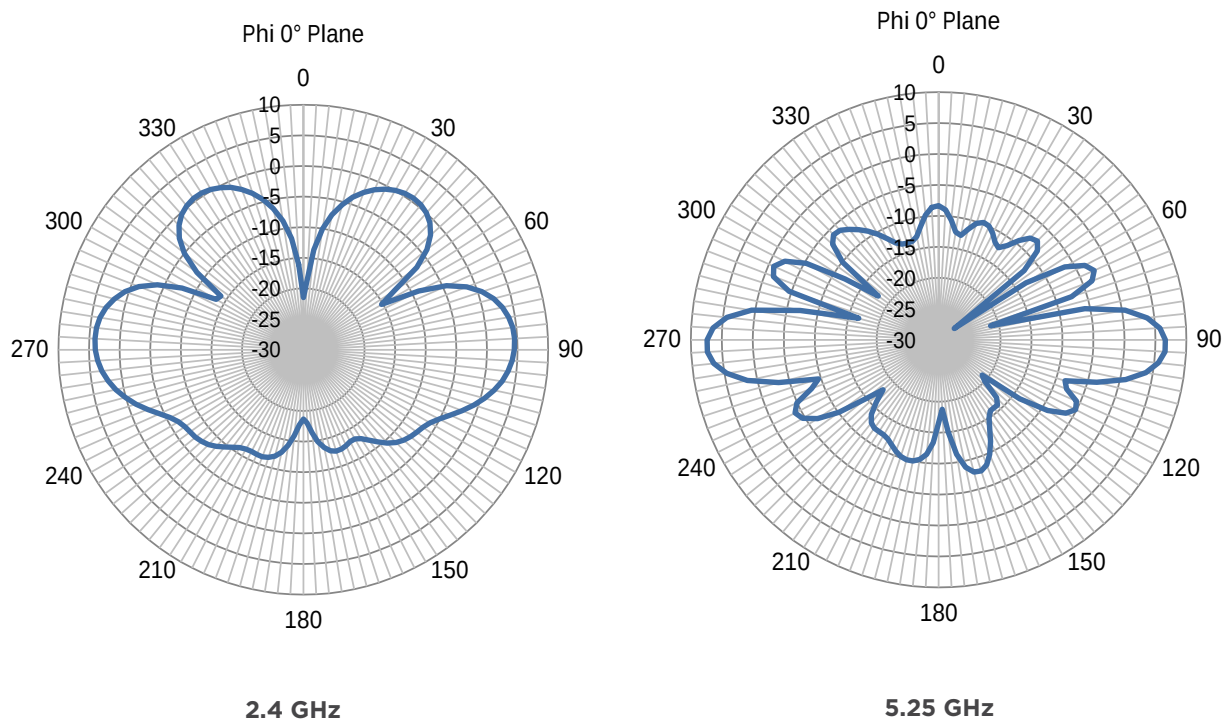
ENVIRONMENTAL SPECIFICATIONS

Operating Environment (Indoor or Outdoor)	Indoor/Outdoor
Operating Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)
Storage Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)
Material Substance Compliance	RoHS

MECHANICAL DRAWING AND MOUNTING



RADIATION PATTERNS



Company Address: TE Connectivity, 3101 Fulling Mill Road, Middletown, PA, 17057, USA

TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

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