



antenna may also be pole-mounted when separation

APPLICATIONS

· Outdoor metropolitan mesh networks

OCX24529-CS1

2.4-2.5 GHZ, 5.25-5.925 GHZ DUAL-BAND OMNIDIRECTIONAL ANTENNAThe OCX24529-CS1 is a 2.4-2.5/5.25-5.925 GHz dual-band omnidirectional collinear array especially designed to compliment interior or exterior mounted wireless network systems. The integrated male N-connector is embedded in the antenna base cap for direct AP mounting. Sealing permits either upright or inverted orientation in outdoor locations. The

- Enterprise WLAN networks
- Indoor/outdoor mast mounts
- High to medium density customer premise locations

from the AP is required for optimum positioning.

FEATURES AND BENEFITS

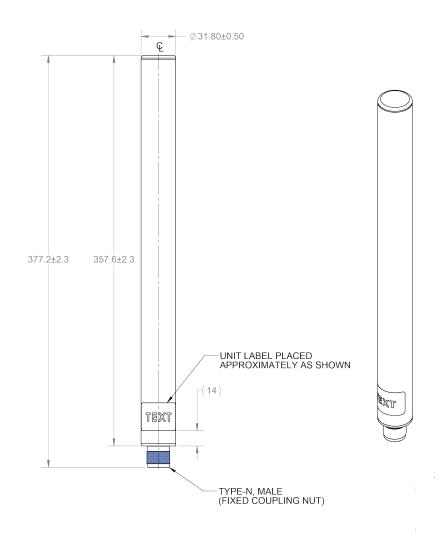
- Installed upright or inverted
- Vertically polarized omnidirectional
- Rugged, light weight and water resistant
- Full wide band 802.11 a/b/g performance
- Compact size

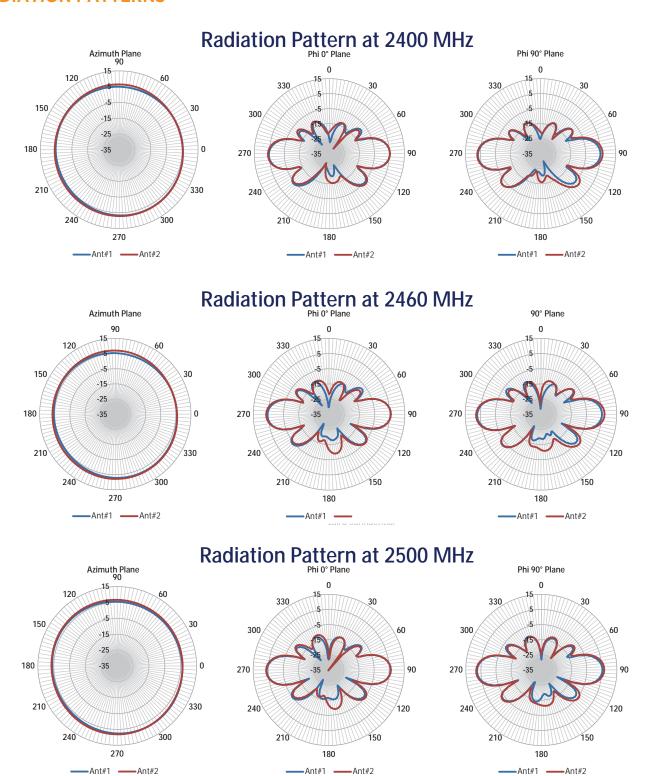
ELECTRICAL SPECIFICATION		
Model Number	OCX24529-CS1	
Cisco Model Number	AIR-ANT2568VG-N	
Cisco Mfg Part Number	07-1290-03	
Operating Frequency	2.4-2.5 / 5.25-5.925 GHz	
VSWR - Max	2.4-2.42 GHz: <1.7:1 2.42-2.5 GHz: <1.5:1 5.25-5.7 GHz: <1.8:1 5.7-5.85 GHz: <1.5:1 5.85-5.925 GHz: <2.0:1	
Gain (dBi)	2.4-2.5 GHz: 6 dBi / 5.25-5.925 GHz: 8 dBi	
Omnidirectional Ripple, dB	<2	
Nominal Impedance (Ohms)	50	
Max Power - Ambient 25°C (W)	1	
Polarization	Vertical Linear	
E-Plane 3 dB Beamwidth	22° / 11°	
H-Plane 3dB Beamwidth	Omnidirectional	

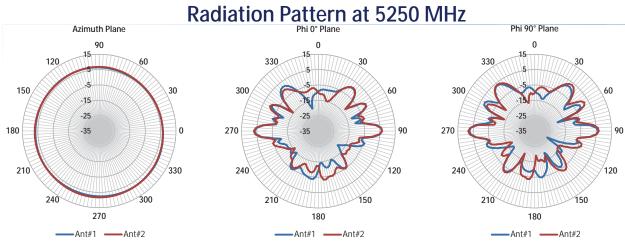
MECHANICAL SPECIFICATION	
Dimensions - mm (inches)	377.2 x 31.80 (14.85 x 1.25)
Weight - kg (lbs.)	0.18 (0.40)
Radome Material	Gray UV Polycarbonate
Connector	Type N Male
IP Rating	IP67

ENVIRONMENTAL SPECIFICATIONS	
Operating Environment (Indoor or Outdoor)	Indoor/Outdoor
Operating Temperature - °C (°F)	-30 to +70°C (-22 to +158°F)
Storage Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)
Material Substance Compliance	RoHS

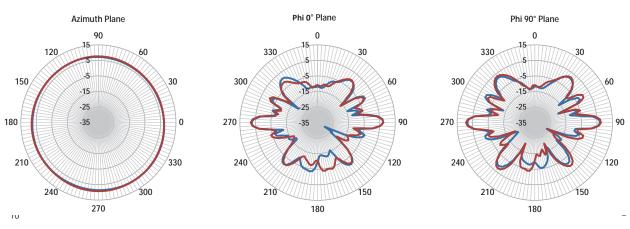
MECHANICAL DRAWING

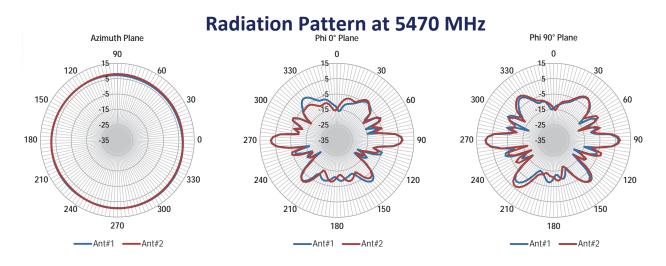


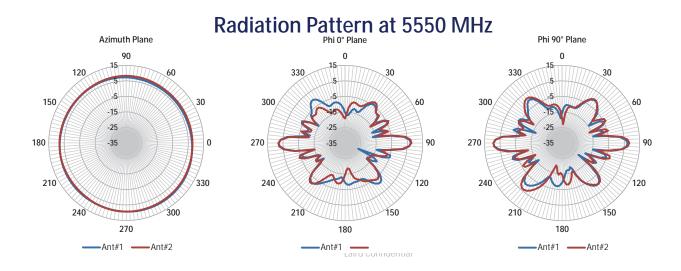


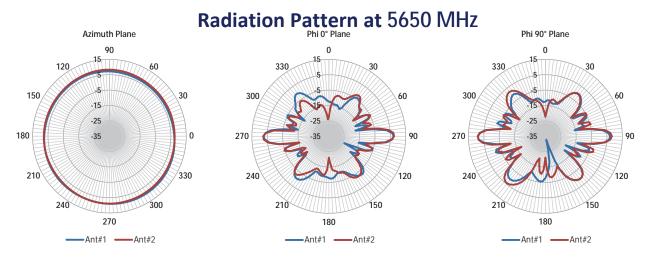


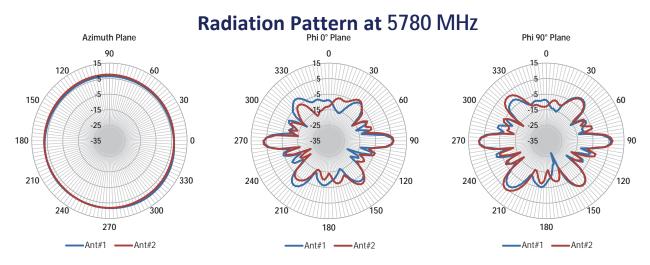
Radiation Prn at 5350 MHz

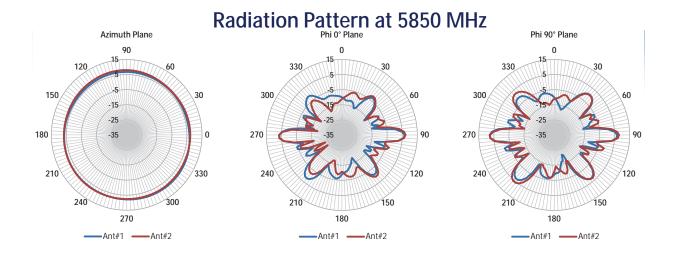


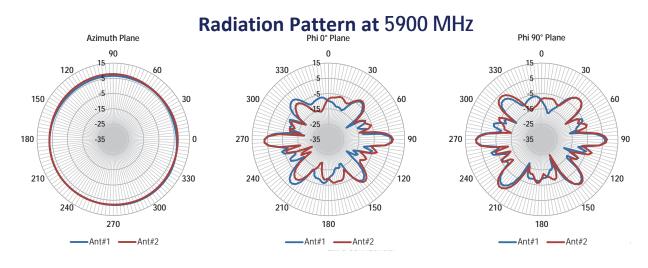


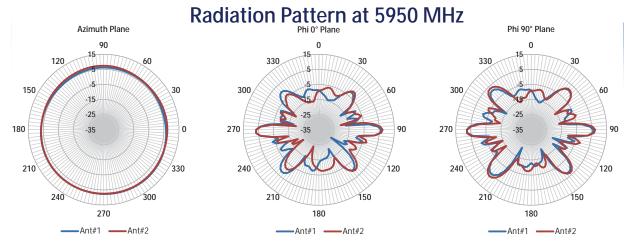












Company Address: TE Connectivity, 3101 Fulling Mill Road, Middletown, PA, 17057, USA

TE TECHNICAL SUPPORT CENTER

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

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