



• Vertically polarized omnidirectional

FEATURES AND BENEFITS

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

OC24528-CS1

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

The wideband OC24528-CS1 antenna offers full-band coverage for 802.11b/a/g/n and includes all hardware required to mount indoors or outdoors.

APPLICATIONS

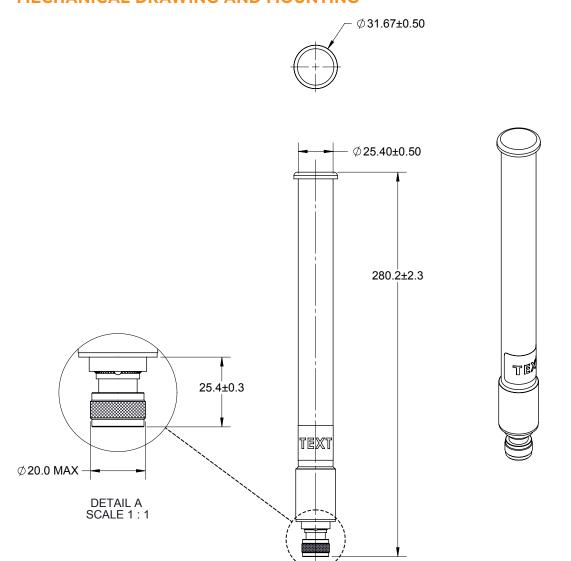
- Outdoor metropolitan mesh networks
- Enterprise WLAN networks
- Indoor/outdoor mast mounts
- High to medium density customer premise locations
- MIMO applications

ELECTRICAL SPECIFICATION	
Model Number	OC24528-CS1
Cisco Model Number	07-1126-01
Cisco Mfg Part Number	OC24528-CS1
Operating Frequency	2400-2483 MHz / 5250-5850 MHz
VSWR - Max	2.2:1
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
Input RMS Power	5 Watts

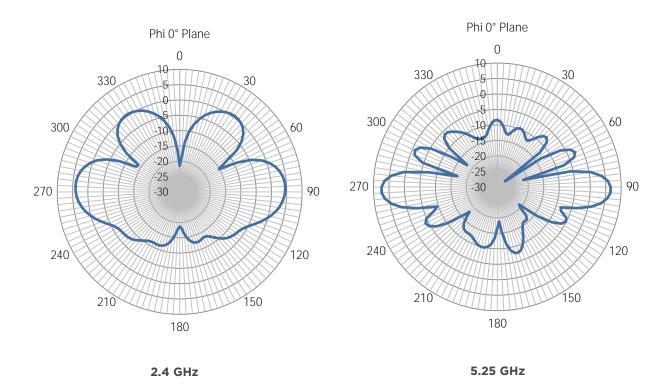
MECHANICAL SPECIFICATION		
Dimensions - mm (inches)	280 x 31 (11 x 1.22)	
Weight - kg (lbs.)	0.15 (0.33)	
Radome Material	Stable Gray UV Polycarbonate	
Connector	Type N Male, Fixed, Tri-Metal	
Mount Style	Connector Fixed, Fixed Coupling Nut, Upright and Inverted Orientation	
IP Rating	IP-66 & IP-67	

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



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