



L001010-01: SARDINE

Articulating Wide-Beamwidth Wi-Fi 7 Directional Dipole Antenna

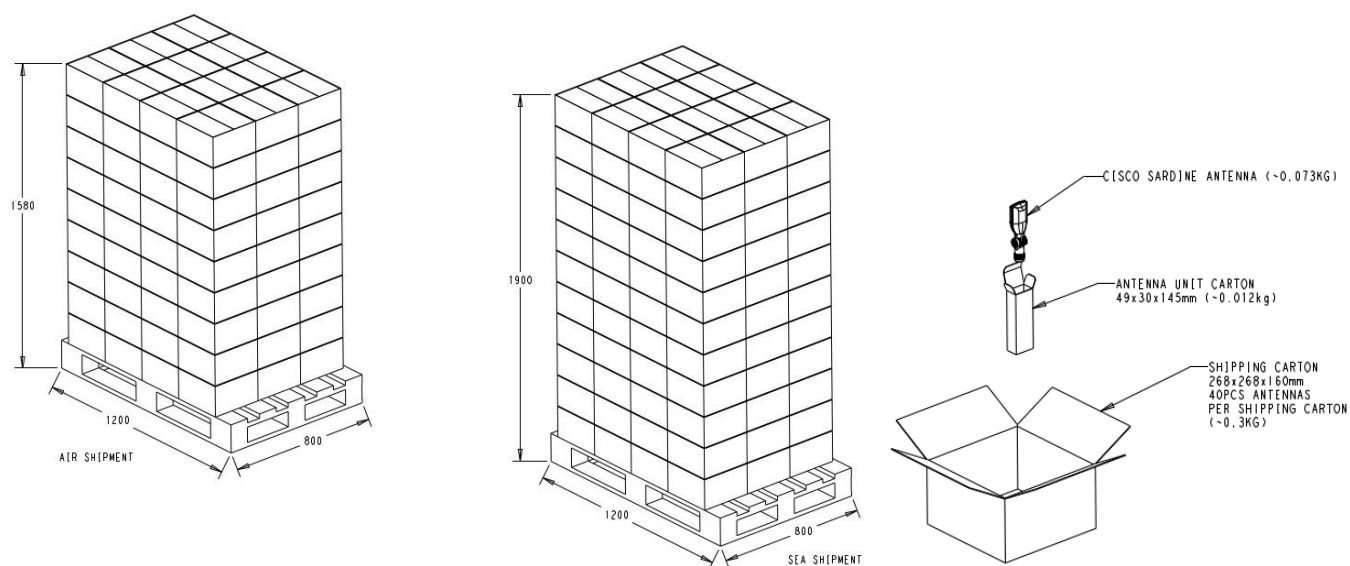
Cisco Sardine is a 1-Port, Triple-band, Directional, outdoor antenna that can support a variety of deployments. With an IP67 rating, it works in both indoor and outdoor environments. This antenna is integrated with a one-wire EEPROM to support SIA (self-identifying Antenna) feature. Antenna includes the N-Type male connector plug and has an articulating joint which allows the antenna to pivot ± 90 degrees from the N-Connector axis.

ELECTRICAL			
TE P/N	L001010-01		
Cisco P/N	07-100959-01		
Cisco Mfg Number	CW-ANT-T-D3-N		
Self-Identifying Circuitry	Yes		
Number of Ports	1		
Frequency, MHz	2400 - 2500	5180 - 5900	6000 - 7125
VSWR, Max	< 2:1		
Gain (Peak), dBi	6.0	7.5	7.5
Gain (Ave), dBi	5.6	7.1	6.7
Efficiency (%)	>60 %		
Efficiency (Ave), %	79%	80%	78%
Azimuth 3dB Beamwidth, deg	125° $\pm$ 10°	90°(+15°/-10°)	90°(+15°/-10°)
Average Azimuth 3dB Beamwidth, deg	118°	89°	88°
Elevation 3dB Beamwidth, deg	70° $\pm$ 10°	60° $\pm$ 10°	60° $\pm$ 10°
Average Elevation 3dB Beamwidth, deg	73°	61°	58°
Average Front to back ratio, dB	20	20	15
Nominal Impedance, Ohm	50		

MECHANICAL	
Antenna Weight, g	73
Radome	PC (60% PCR)
Color	Cisco Medium Grey
RF Connector	N-Male

ENVIRONMENTAL	
Operating Temperature, °C	-40°C to +65°C
Storage Temperature, °C	-40°C to +85°C
Ingress Protection	IP66, IP67

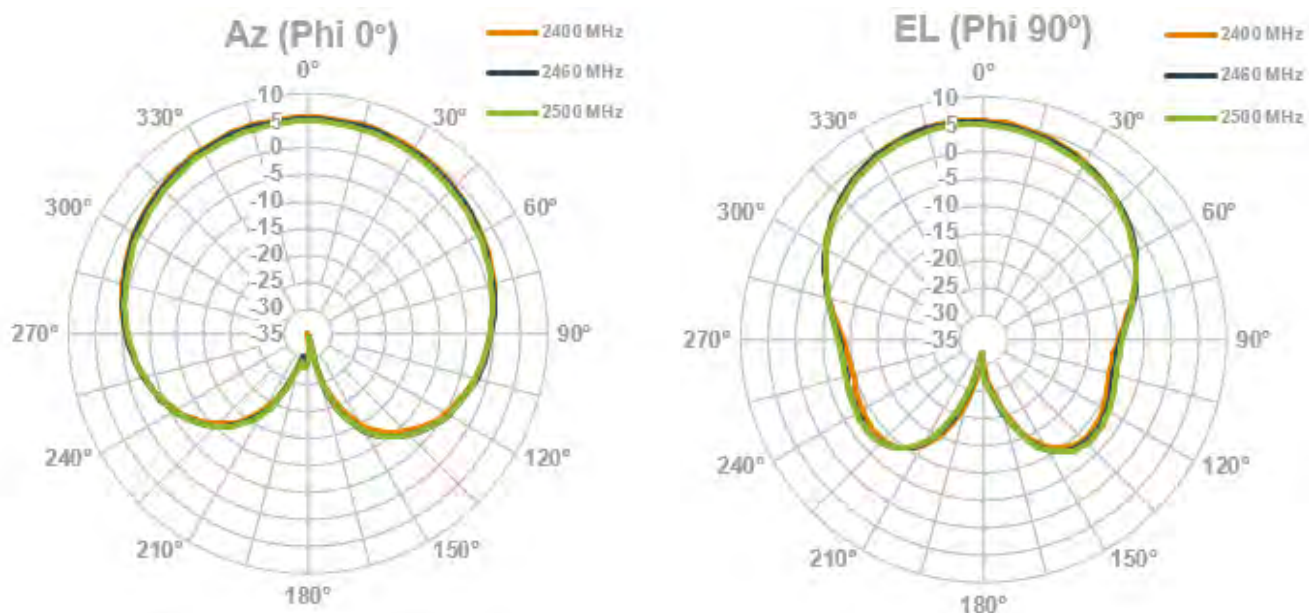
PACKING INFORMATION



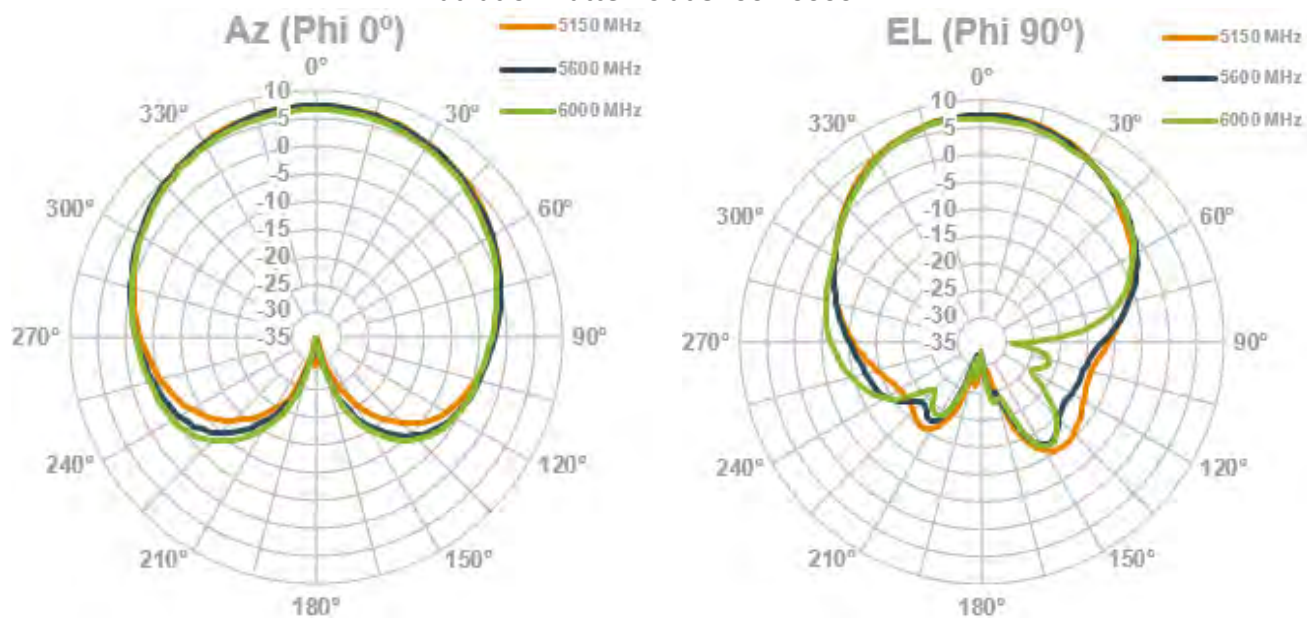
PACKAGED DIMENSIONS	MASTER CARTON	AIR PALLET	OCEAN PALLET
NUMBER OF ANTENNAS	40	4320	5280
HEIGHT-cm(in)	16.0 (6.3)	158.0 (62.21)	190.0 (74.81)
LENGTH-cm(in)	26.8 (10.56)	120 (47.24)	120 (47.24)
WIDTH-cm(in)	26.8 (10.56)	80 (31.5)	80 (31.5)
EST.SHIPPING WEIGHT-kg(lbs)	3.8 (8.38)	423 (932.56)	514 (1133.18)

Radiation Patterns

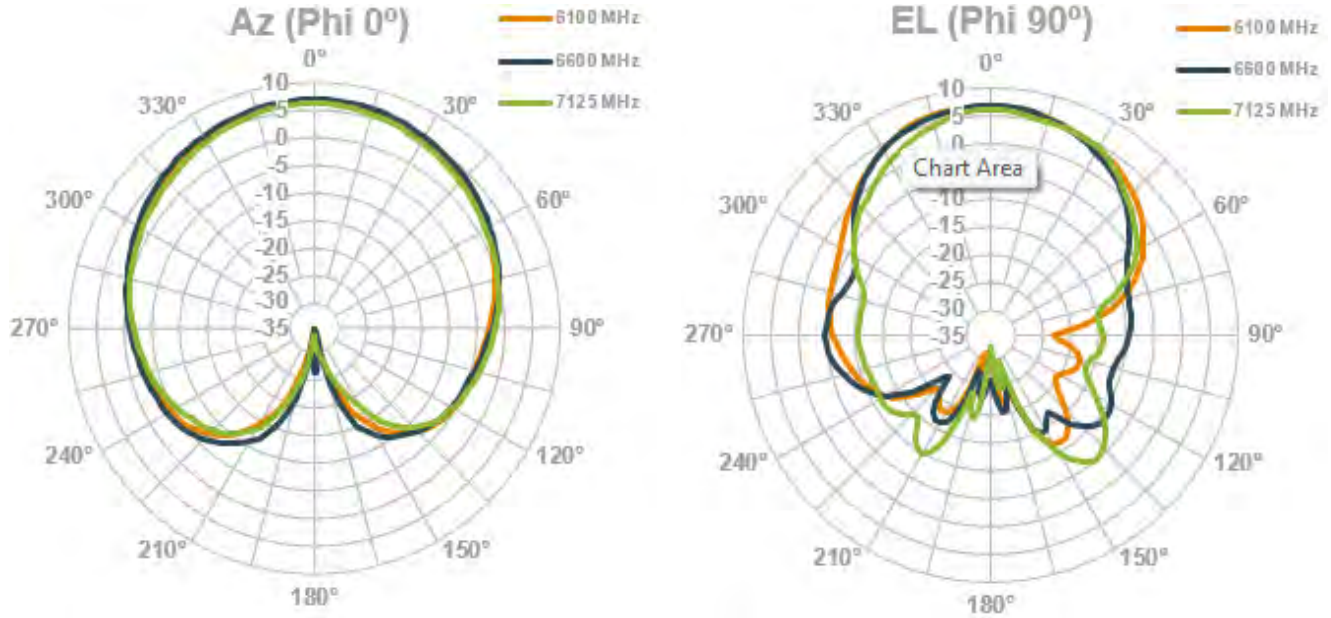
Radiation Patterns at 2400 - 2500 MHz



Radiation Patterns at 5100 - 6000 MHz



Radiation Patterns at 6000 – 7125 MHz



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