

001-0012

Waterproof Dipole Antenna 2400-2500 MHz/4910-5850 MHz

ELECTRICAL SPECIFICATION		
Model Name	001-0012	
Operating Frequency (MHz)	2400-2500	4910-5850
VSWR – max	≤ 2.5:1	
Gain (dBi)	2.0	2.0
Nominal Impedance (Ohms)	50	
Polarization	Linear vertical	

MECHANICAL SPECIFICATION	
Dimensions – mm (inches)	114.0 x 13.0 (4.94 x 0.51)
Weight – g (oz.)	18.0 (0.63)
Radome Material	Black

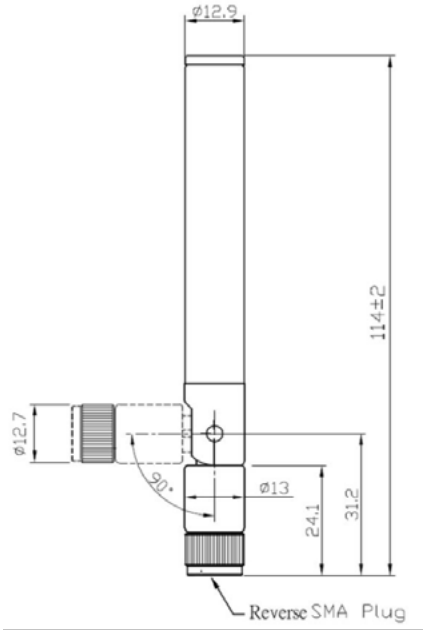
ENVIRONMENTAL SPECIFICATION	
Operating Temperature – °C (°F)	-40 to +85°C (-40 to +185°F)
UL Rating	UL 94HB
Ingress Protection Rating	IP67

CONFIGURATION

PART NUMBER	DESCRIPTION
001-0012	2.4/5.5 GHz waterproof dipole antenna for Reverse Polarity SMA connector
080-0013	U.FL to Reverse Polarity SMA cable, 105 mm, O-ring seal
080-0014	U.FL to Reverse Polarity SMA cable, 210 mm, O-ring seal

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MECHANICAL DRAWING



TYPICAL ANTENNA REFLECTION PERFORMANCE

Straight Antenna Position



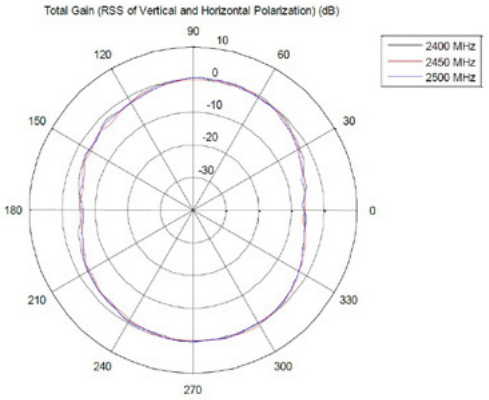
Bent Antenna Position



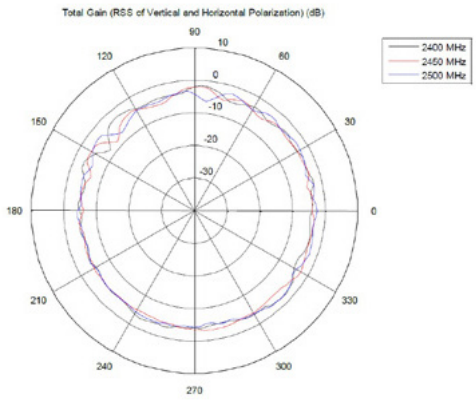
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RADIATION PATTERNS

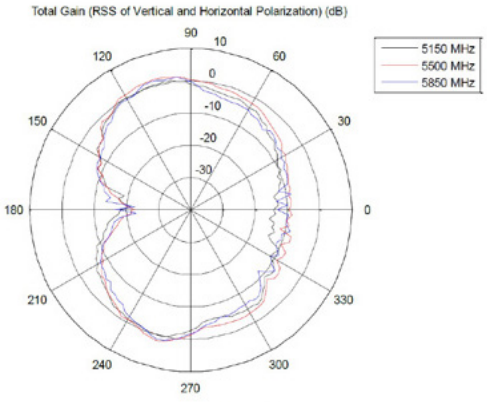
2.4 GHz (E-Plane)



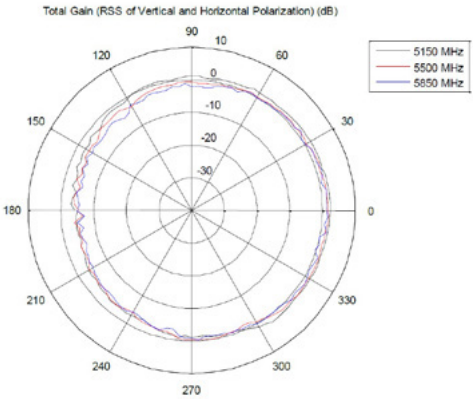
2.4 GHz (H-Plane)



5 GHz (E-Plane)



5 GHz (H-Plane)



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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