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Laird CONNECTIVITY

001-0009

Dipole Antenna
2400-2500 MHz/4910-5850 MHz



ELECTRICAL SPECIFICATIONS		
Model Name	001-0009	
Operating Frequency (MHz)	2400-2500	5150-5850
VSWR – max	≤ 2.0:1	
Gain (dBi)	2.0	2.0
Nominal Impedance (Ohms)	50	
Polarization	Linear vertical	

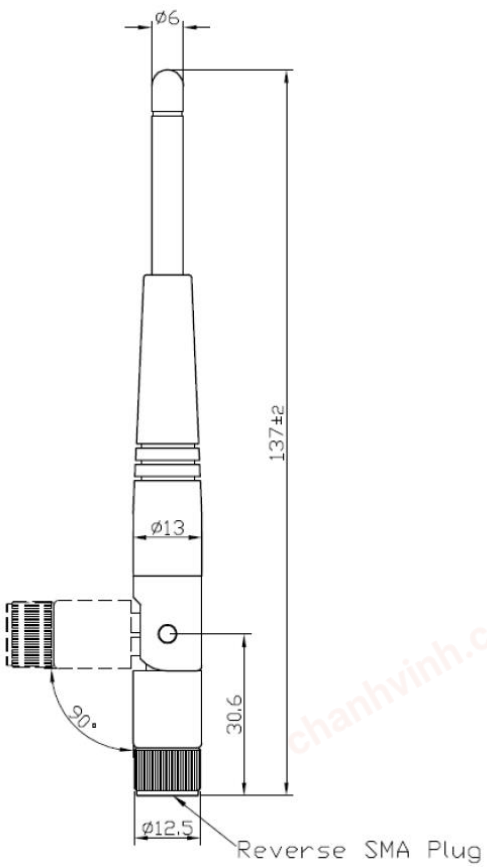
MECHANICAL SPECIFICATIONS	
Dimensions – mm (inches)	137 x 13 (5.4 x 0.51)
Weight – g (oz.)	22.0 (0.78)
Radome Material	Black

ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature – °C (°F)	-20 to +65°C (-4 to +149°F)
UL Rating	UL 94HB
Ingress Protection Rating	IP67

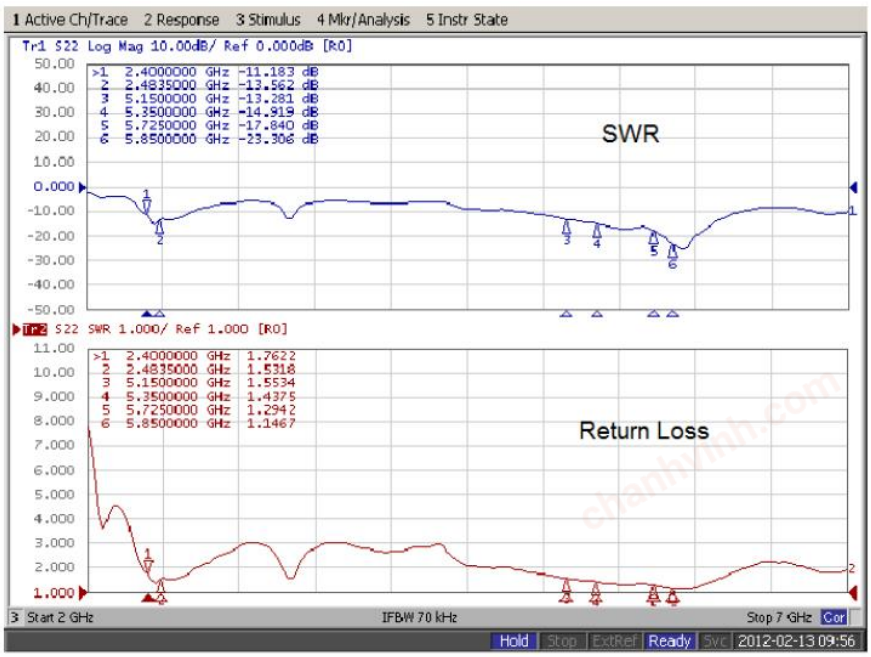
CONFIGURATION

PART NUMBER	DESCRIPTION
001-0009	2.4/5.5 GHz dipole antenna for Reverse Polarity SMA connector
080-0001	U.FL to Reverse Polarity SMA cable, 105 mm

MECHANICAL DRAWING



TYPICAL ANTENNA REFLECTION PERFORMANCE

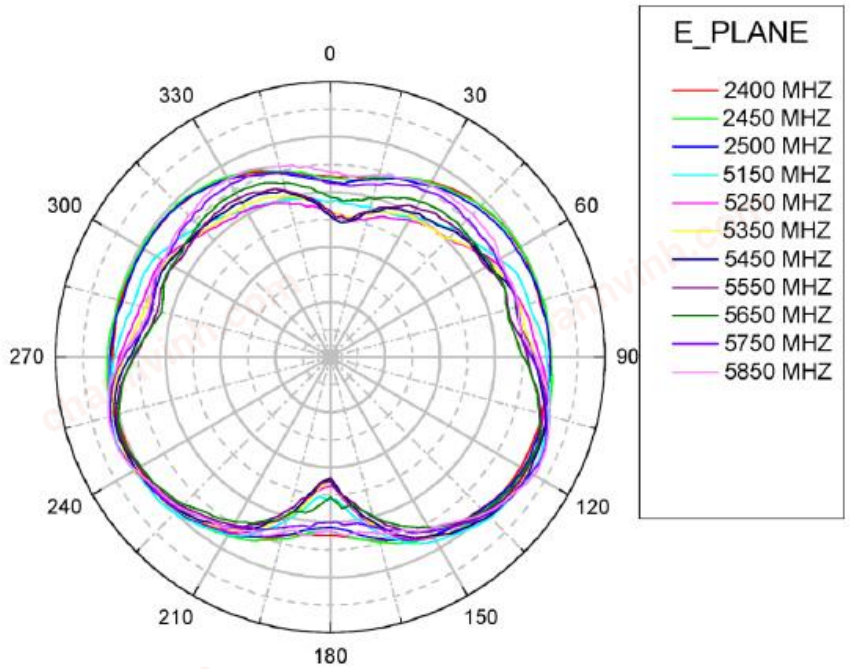


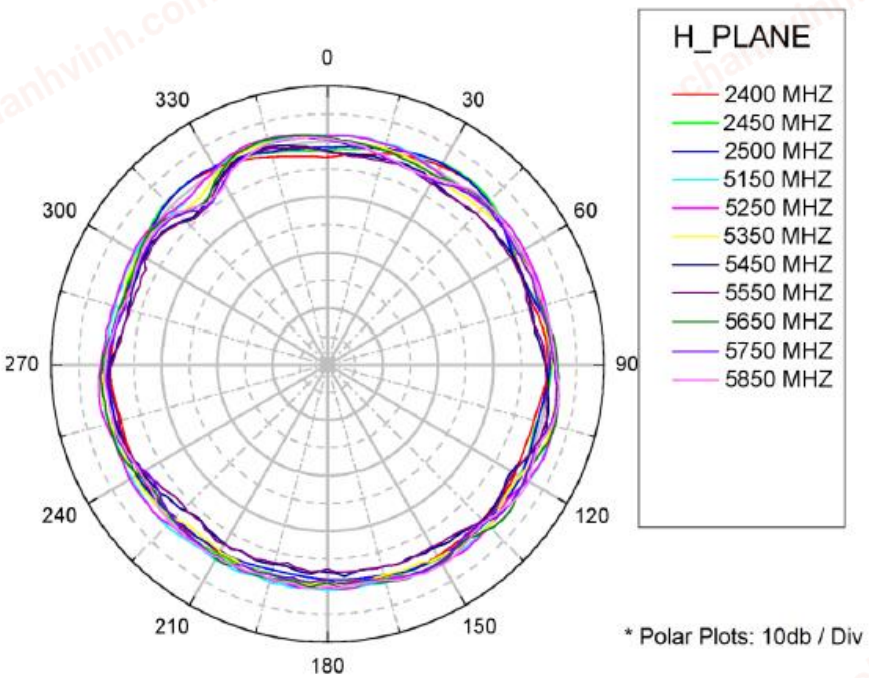
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RADIATION PATTERNS





* Polar Plots: 10db / Div

RoHS

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sales@lairdconnect.com
support@lairdconnect.com
www.lairdconnect.com