



001-0002

**Dipole Antenna
902-928 MHz**

ELECTRICAL SPECIFICATIONS

Operating Frequency (MHz)	902-928
VSWR - Avg	≤2.5:1
Gain (dBi)	2.0
Nominal Impedance (Ohms)	50
Polarization	Linear vertical

MECHANICAL SPECIFICATIONS

Dimensions - height x diameter - mm (in.)	196.0 x 12.5 (7.72 x 0.49)
Weight - g (oz.)	13.0 (0.46)
Antenna Color	Black

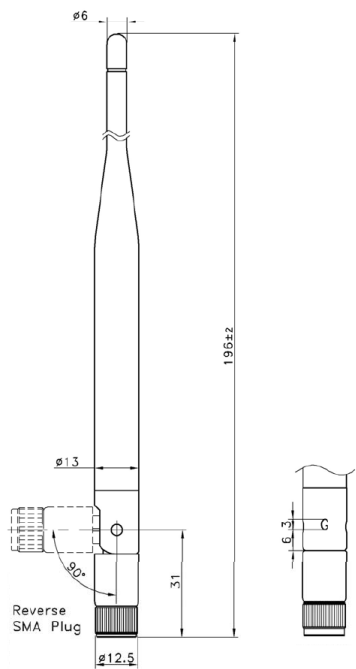
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature - °C (°F)	-20 to +65°C (-4 to +149°F)
UL Rating	UL 94HB
Material Substance Compliance	RoHS

PART NUMBER	DESCRIPTION
001-0002	900 MHz dipole antenna for reverse polarity SMA connector
080-0001	U.FL to reverse polarity SMA cable, 105 mm

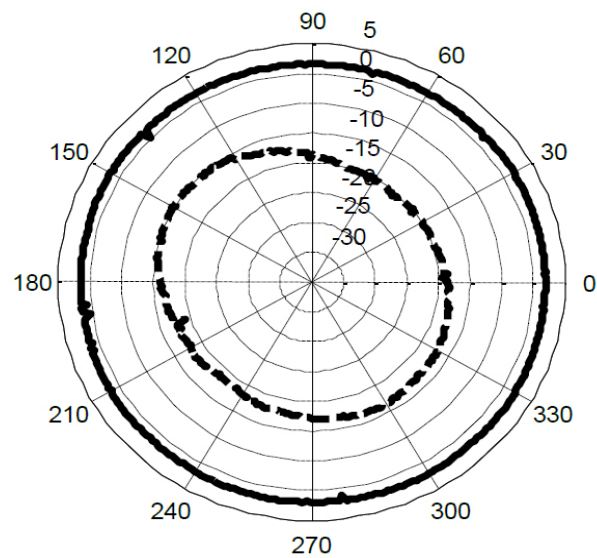
Manufacturer: Laird Technologies
Model: 001-0002

MECHANICAL DRAWING



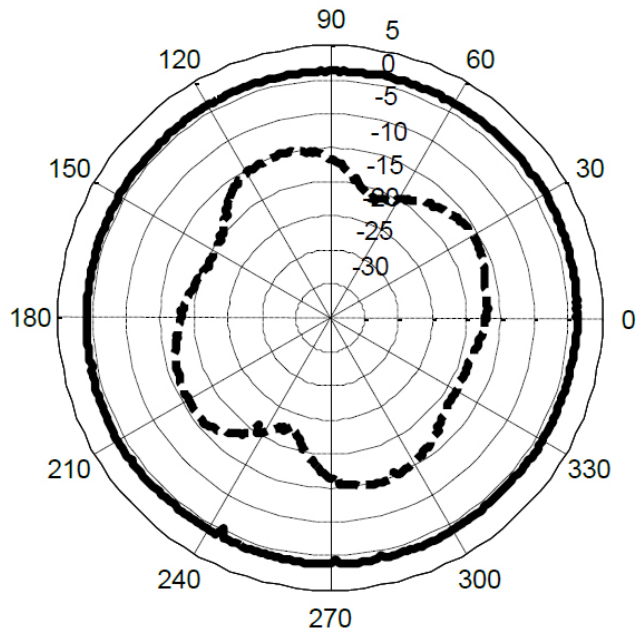
RADIATION PATTERNS

Extended Position, Vertical



____ Vertical Polarization Gain (dBi)	min: +0.2	max: +2.0	avg: +1.7
----- Horizontal Polarization Gain (dBi)	min: -16.0	max: -9.6	avg: -12.7

Folded Position, Vertical



_____ Vertical Polarization Gain (dBi) min: -0.1 max: +1.6 avg: +1.1
 ----- Horizontal Polarization Gain (dBi) min: -17.9 max: -9.6 avg: -12.6

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