

Features/Applications

- Custom Designed and Tuned to Specific Metal Fixture
- Ultra Compact Size, Low profile
- Low VSWR
- U.FL (IPX) low profile connector
- Application: IEEE 802.11b/g, Bluetooth
- RoHS Compliant

Specification

Center Frequency:	2.4 GHz ISM Band
VSWR:	1.5:1 (Max)
Bandwidth:	2.400 GHz ~ 2.484GHz
Impedance:	50 Ω
Peak Gain:	2 dBi
Efficiency:	80% (Min)
Polarization:	Vertical

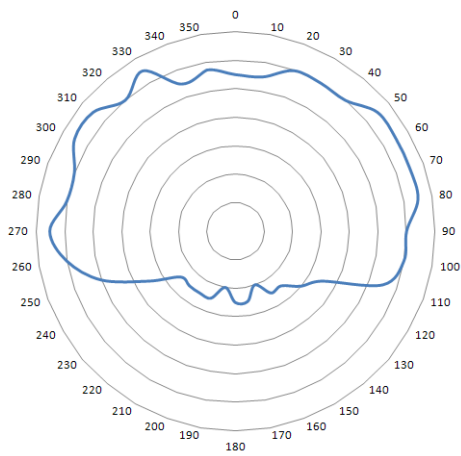
Mechanical Parameters

Cable:	Φ 1.13mm, 50 Ω RF Coaxial Cable
Connector:	I-PEX IPX-13(F) (compatible with Hirose U.FL)
Mounting:	Screw Hole

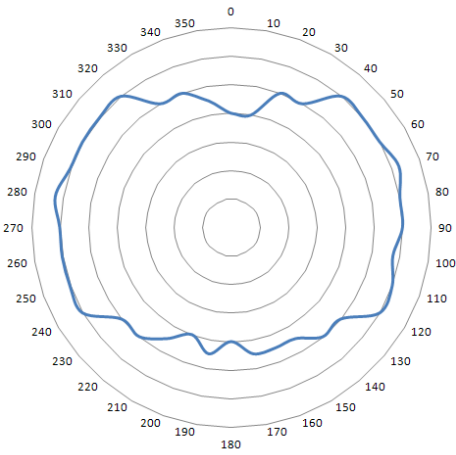
Environmental Parameters

Working Temp:	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Storage Temp:	-45 $^{\circ}$ C ~+100 $^{\circ}$ C
Mechanical Shock:	MIL-STD-883, Method 2002
Vibration:	MIL-STD-883, Method 2007
Humidity:	95% (Max)

Antenna Pattern

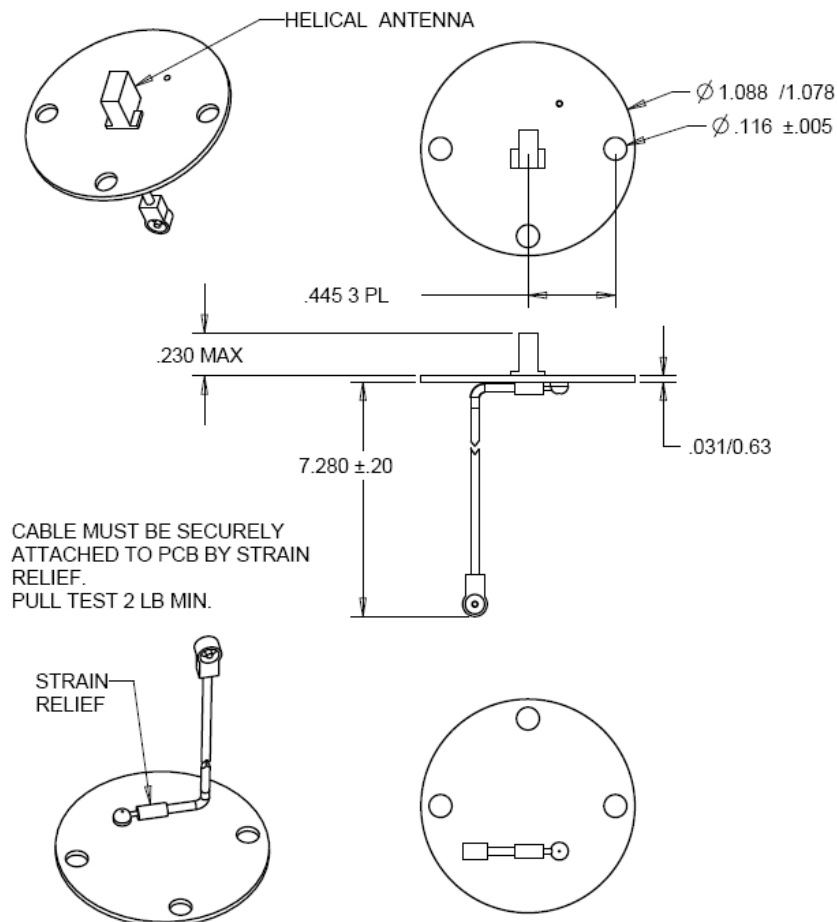


Elevation Plane Pattern (Unit: dBD)



Azimuth Plane Pattern (Unit: dBD)

Drawing* (Unit: inch)



*Customer provided drawing. The actual helical antenna design may differ.