

**Electrical Properties:**

- Frequency Range: 2.4~2.5 GHz
- Impedance: 50Ω nominal
- VSWR: <2.0:1
- Gain: 7 dBi
- Radiation: Omni
- Polarization: Vertical

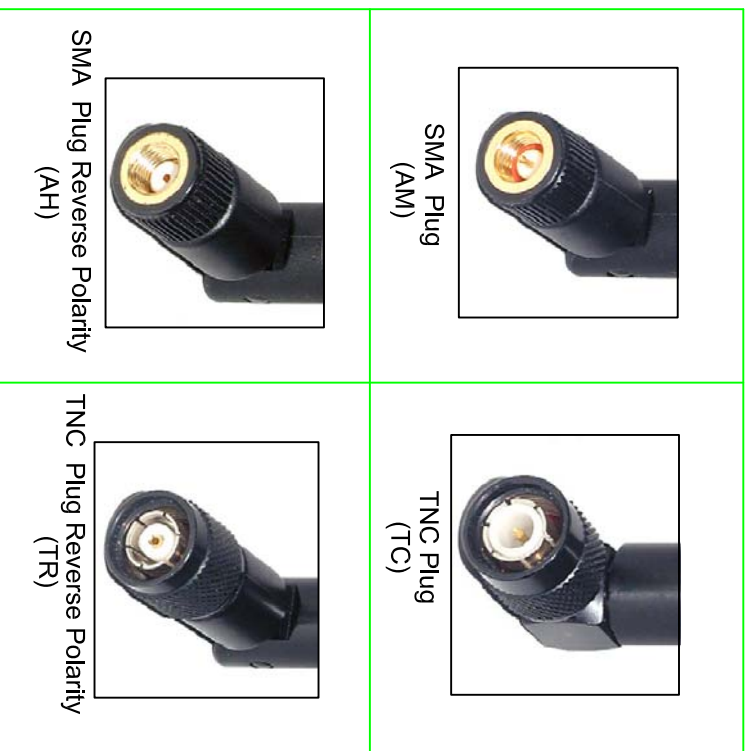
**Mechanical Properties:**

- Material: Polyurethane(Black)  
Whip: Polycarbonate(Black)
- Swivel Mechanism: Brass with black chrome plating
- Connector: -20°C to +65°C
- Operation Temp.: -30°C to +75°C
- Storage Temp.:

This is a RoHS compliant product.

TITLE	2.4GHz Swivel Antenna-171 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S171XX - 2450S	01/20/06	1 of 2
SCALE	in.(mm)			
none	NEARSON			

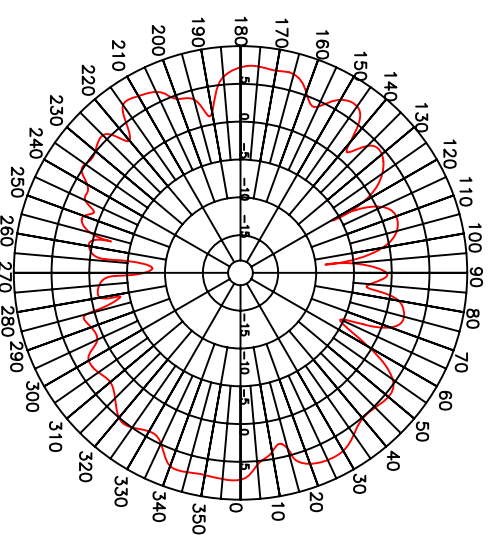
## Connector Interface



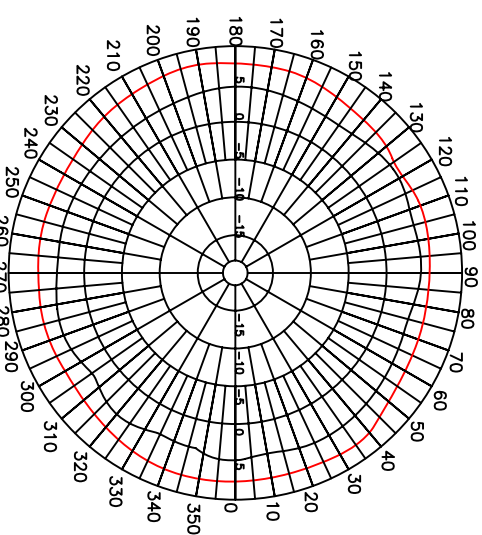
## Series Part Numbers

Connector Code -XX-	Description	P / N
AM	SMA Plug	S171AM-2450S
AH	SMA Plug Reverse Polarity	S171AH-2450S
TC	TNC Plug	S171TC-2450S
TR	TNC Plug Reverse Polarity	S171TR-2450S

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Swivel Antenna-171 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S171XX - 2450S	01/20/06	2 of 2
in.(mm)				
SCALE				
none				

**NEARSON**