

# Series Part Numbers

Connector Code -XX-	Description	P / N
AM	SMA Plug	S141AM-2450
AH	SMA Plug Reverse Polarity	S141AH-2450
AT	SMA Plug Reverse Thread	S141AT-2450

### Electrical Properties:

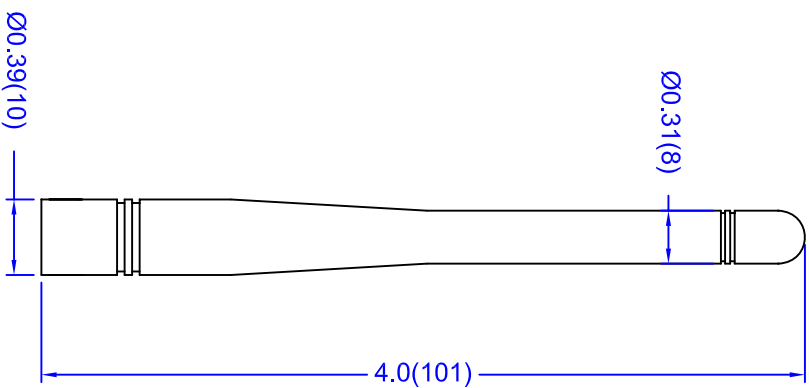
**Frequency Range:** 2.4~2.5 GHz  
**Impedance:** 50Ω nominal  
**VSWR:** <2.0:1  
**Gain:** 2 dBi  
**Radiation:** Omni  
**Polarization:** Vertical  
**Wave:** Half Wave Dipole

### Mechanical Properties:

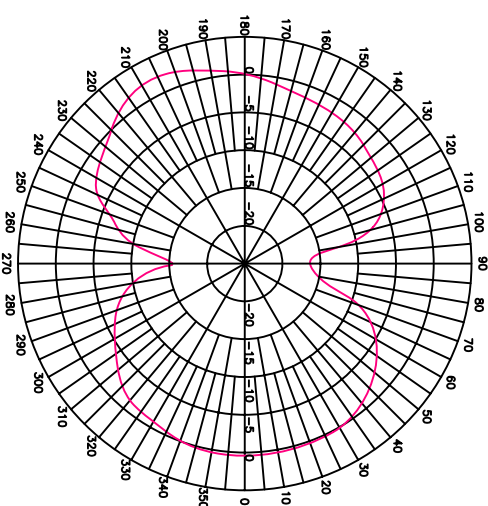
**Connector\*:** SMA type  
**Material:** Polyurethane(Black)  
**Whip:** -20°C to +65°C  
**Operation Temp.:** -30°C to +75°C  
**Storage Temp.:** -30°C to +75°C  
 \*Connector is covered by the overmold.

This is a RoHS compliant product.

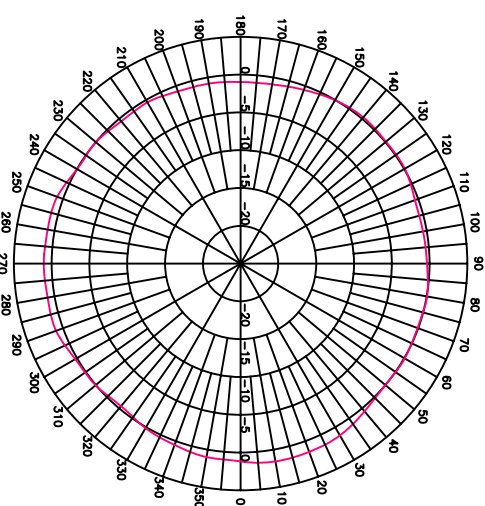
## Connector Interface



E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Straight Antenna		Rev. Date	SHEET
UNIT	-141 Model		01/08/06	1 of 1
SCALE	DWG. NO.	S141XX-2450		
none	<b>NEARSON</b>			