

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:

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

This is a RoHS compliant product.

TITLE	2.4GHz Swivel Antenna-181 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S181XX - 2450S	01/22/06	1 of 2
in.(mm)				
SCALE	1:1			
NEARSON				
http://www.nearson.com				

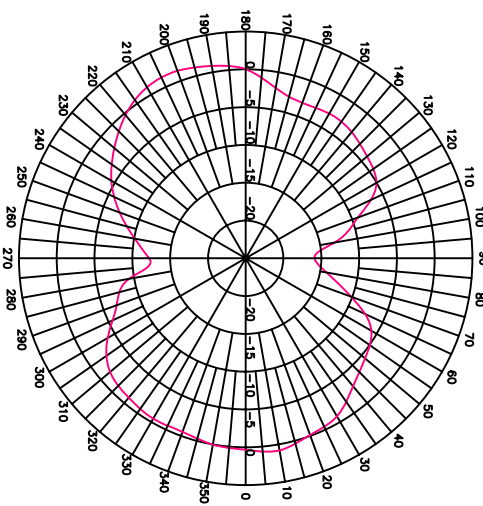
Series Part Numbers

Connector Code -XX-	Description	P / N
AM	SMA Plug	S181AM-2450S
AH	SMA Plug Reverse Polarity	S181AH-2450S
TC	TNC Plug	S181TC-2450S
TR	TNC Plug Reverse Polarity	S181TR-2450S
BC	BNC Plug	S181BC-2450S
BR	BNC Plug Reverse Polarity	S181BR-2450S

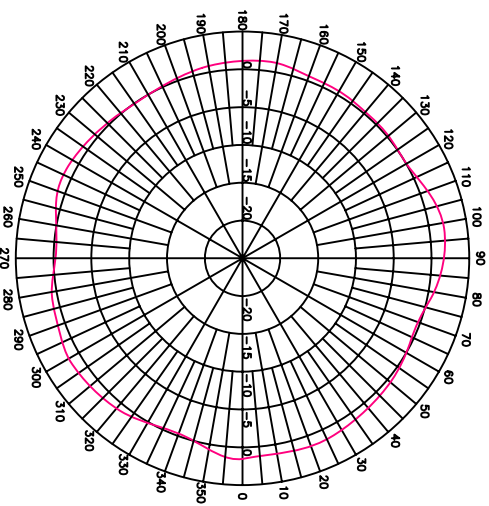
Connector Interface

 SMA Plug (AM)	 TNC Plug (TC)	 BNC Plug (BC)
 SMA Plug Reverse Polarity (AH)	 TNC Plug Reverse Polarity (TR)	 BNC Plug Reverse Polarity (BR)

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Swivel Antenna-181 Model		Rev. Date	SHEET
UNIT	in.(mm)		01/22/06	2 of 2
SCALE	none			
DWG. NO.	S181XX - 2450S			
NEARSON				
http://www.nearson.com				