

Electrical Properties:

Frequency Range: 2.4~2.5 GHz
 Impedance: 50Ω nominal
 VSWR: <2.0:1
 Gain: 5 dBi
 Radiation: Omni
 Polarization: Vertical

Mechanical Properties:

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

This is a RoHS compliant product.

TITLE	2.4GHz Straight Antenna - 151 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S151XX - 2450	01/10/06	1 of 2
in.(mm)				
SCALE				
none				

NEARSON

Series Part Numbers

Connector Code -XX-	Description	P / N
AM	SMA Plug	S151AM-2450
AH	SMA Plug Reverse Polarity	S151AH-2450
AT	SMA Plug Reverse Thread	S151AT-2450
TC	TNC Plug	S151TC-2450
TR	TNC Plug Reverse Polarity	S151TR-2450



SMA Plug
(AM)



SMA Plug Reverse Polarity
(AH)



SMA Plug Reverse Thread
(AT)



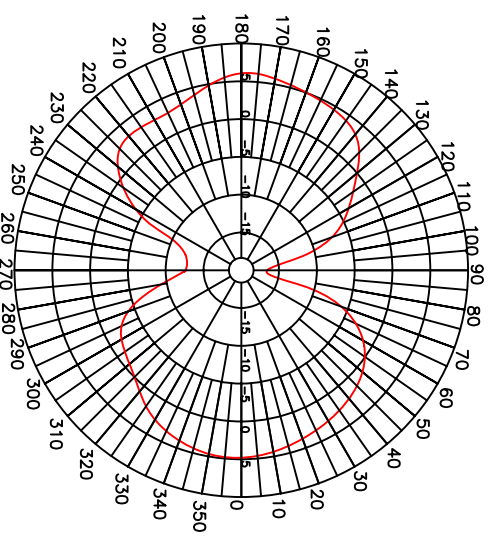
TNC Plug
(TC)



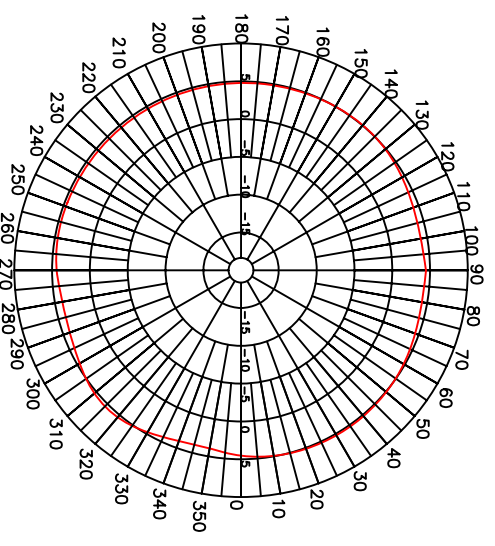
TNC Plug Reverse Polarity
(TR)

Connector Interface

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Straight Antenna - 151 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S151XX - 2450	01/10/06	2 of 2
in.(mm)				
SCALE				
none				
NEARSON				