

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: Polycarbonate(Black)
 Swivel Mechanism: 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 - 151 Model		Rev. Date	SHEET
UNIT		S151XX - 2450S		01/16/06	1 of 2
in.(mm)					
SCALE					
none					
DWG. NO.					

NEARSON

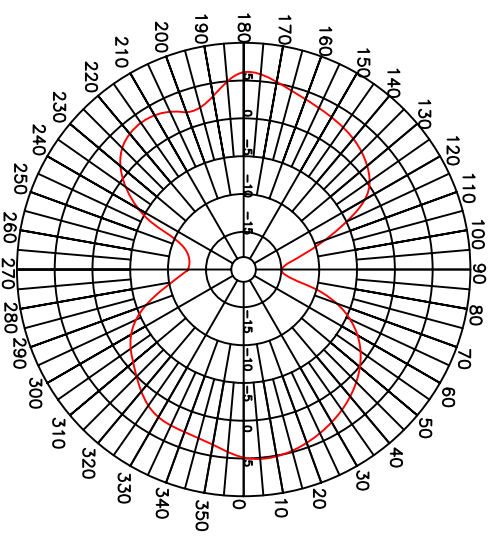
Series Part Numbers

Connector Code -XX-	Description	P / N
AM	SMA Plug	S151AM-2450S
AH	SMA Plug Reverse Polarity	S151AH-2450S
TC	TNC Plug	S151TC-2450S
TR	TNC Plug Reverse Polarity	S151TR-2450S
BC	BNC Plug	S151BC-2450S
BR	BNC Plug Reverse Polarity	S151BR-2450S

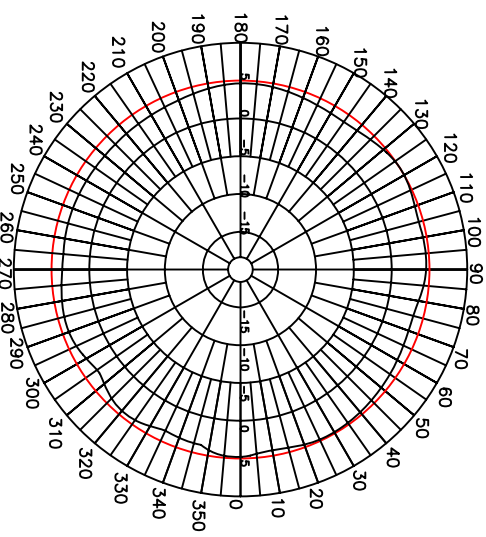
Connector Interface

 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 - 151 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S151XX - 2450S	01/16/06	2 of 2
in.(mm)				
SCALE				
none				
NEARSON				
http://www.nearson.com				