

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:

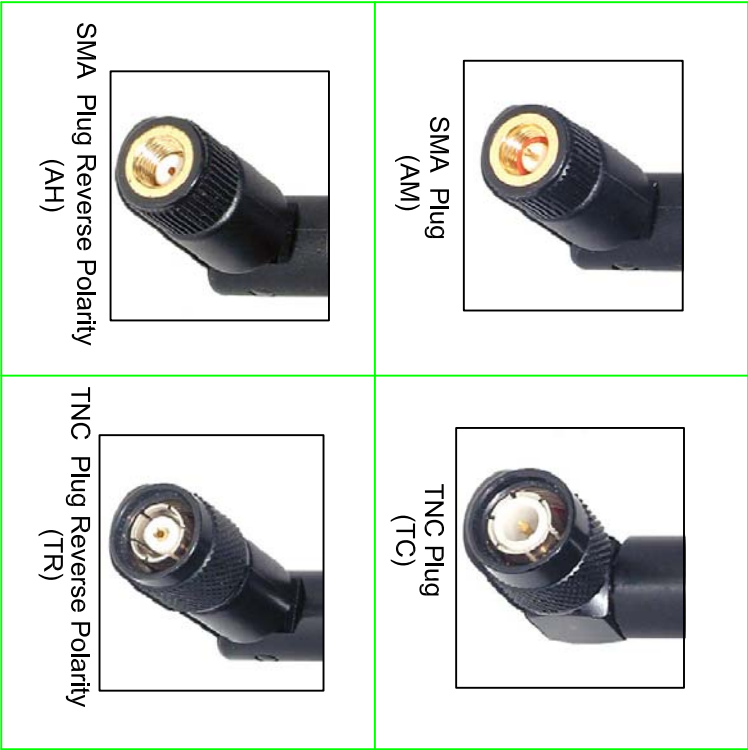
Material: Polyurethane(Black)
Whip: Polycarbonate(Black)
Swivel Mechanism: Brass with black chrome plating
Connector: -20°C to +65°C
Operation Temp.: -30°C to +75°C
Storage Temp.:

This is a RoHS compliant product.

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

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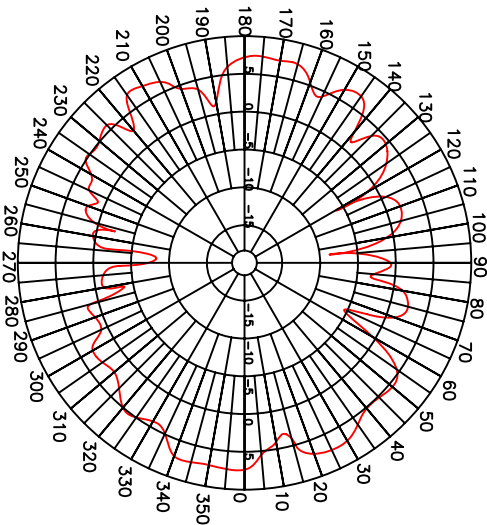
Connector Interface



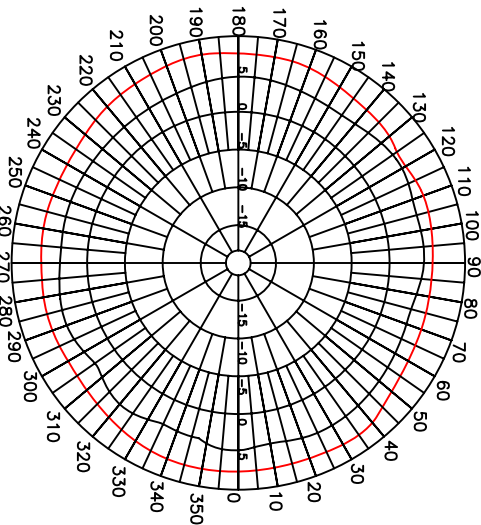
Series Part Numbers

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				

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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)

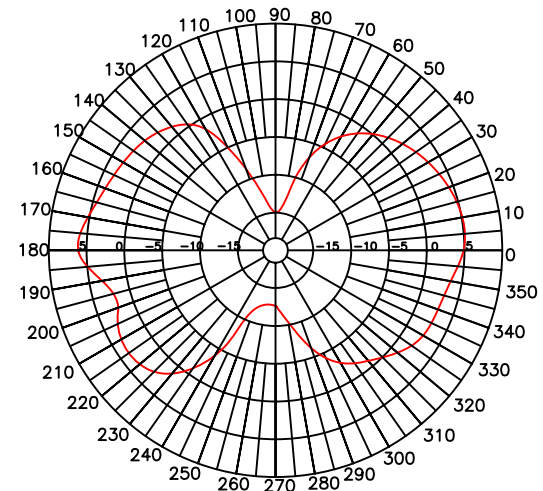


TNC Plug Reverse Polarity
(TR)

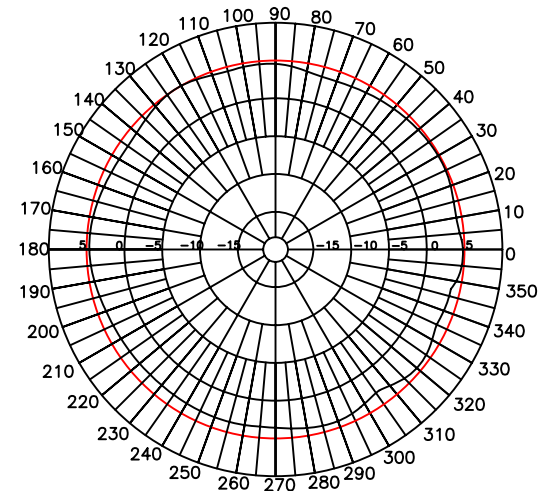


BNC Plug Reverse Polarity
(BR)

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Swivel Antenna - 151 Model		Rev. Date	SHEET
			01/16/06	2 of 2
UNIT	DWG. NO.	S151XX - 2450S		
in.(mm)				
SCALE				
none				

NEARSON



09-29-2008

Re: Nearson S171XX-2450S Antenna

To Whom It May Concern:

The antenna data for the referenced model number show multiple configurations. However, we will only provide the **Reverse Polarity SMA** configuration to the user. This configuration replaces the XX marks in the part number with HA, and the complete part number becomes S171HA-2450S.

Regards,

Mehrdad Ghaffari
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