

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:

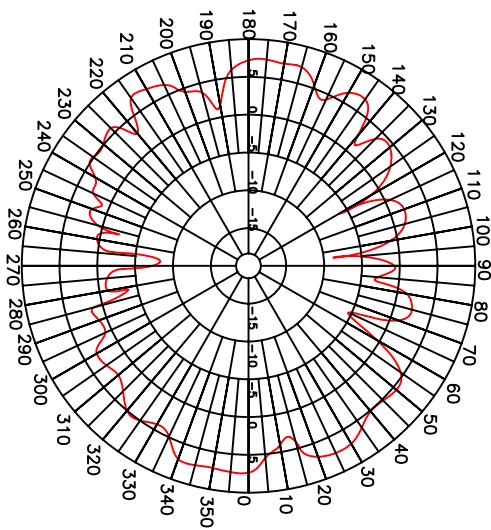
Material: Polycarbonate(Black)
Whip: Polyurethane(Black)
Swivel Mechanism: Brass with black chrome plating
Connector: SMA
Operation Temp.: -20°C to +65°C
Storage Temp.: -30°C to +75°C

This is a RoHS compliant product.

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

Connector Interface

H-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz

SMA Plug Reverse Polarity (AH)



SMA Plug (AM)

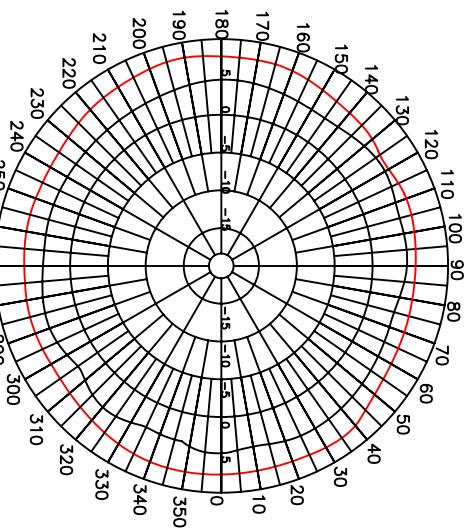


TNC Plug (TC)



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



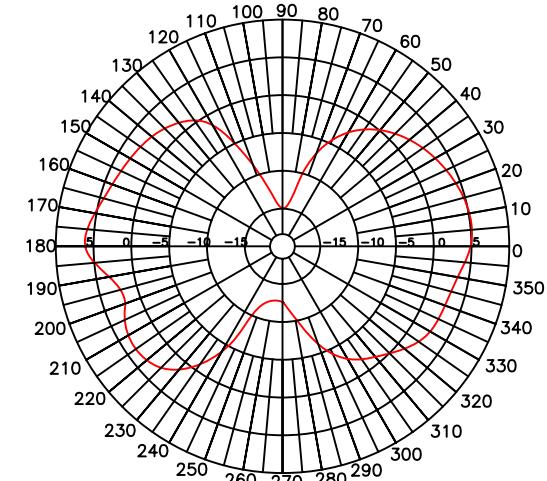
TITLE	2.4GHz Swivel Antenna-171 Model		Rev. Date	SHEET
UNIT	DWG. NO.	S171XX - 2450S		
in. (mm)				
SCALE	none			

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

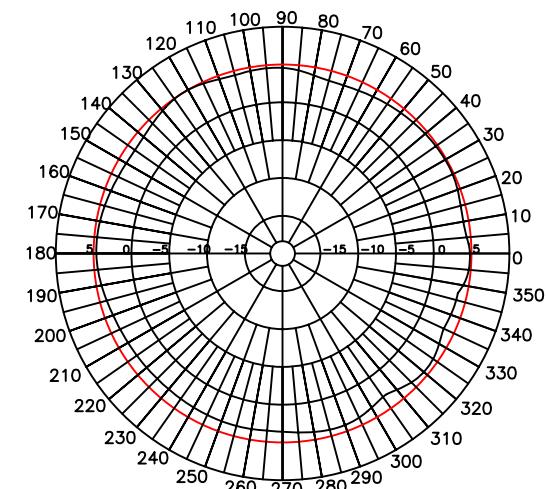
E-Plane Pattern @ 2.45GHz



Connector Interface

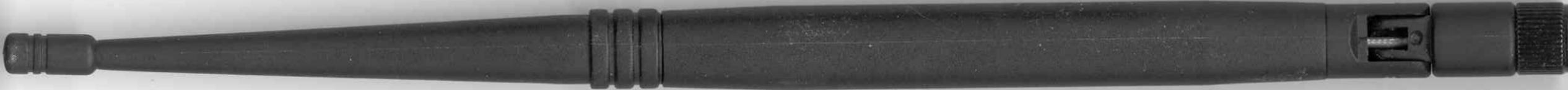
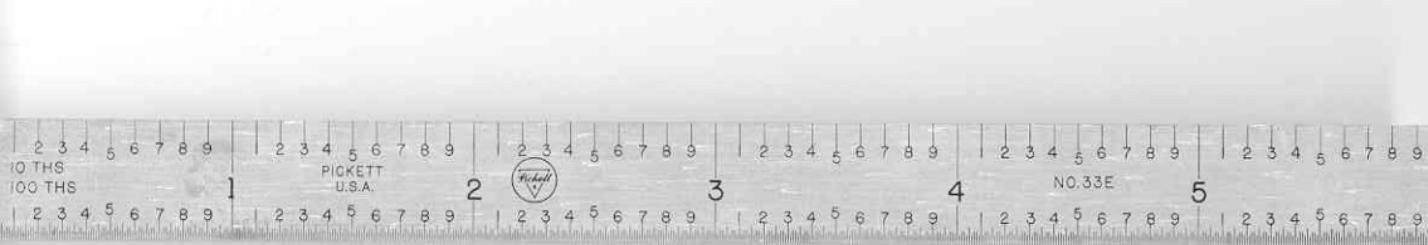


H-Plane Pattern @ 2.45GHz



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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