



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



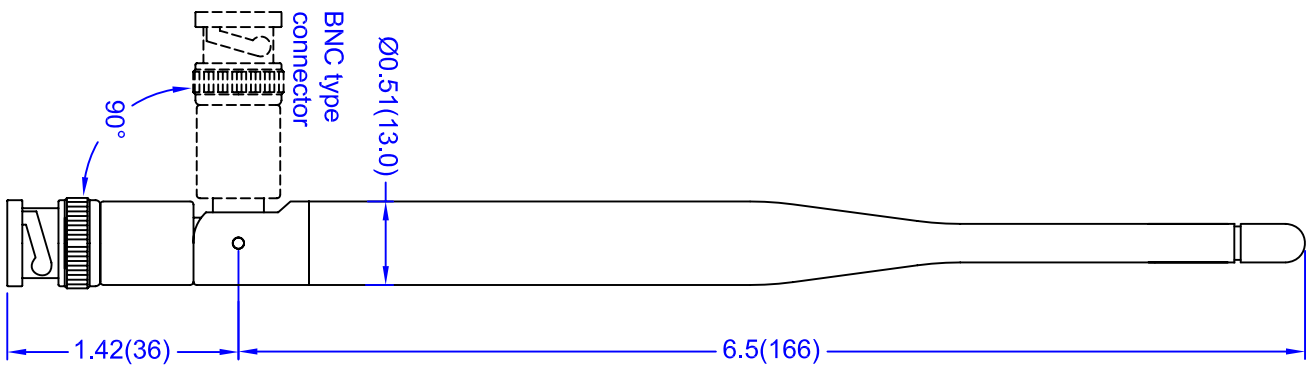
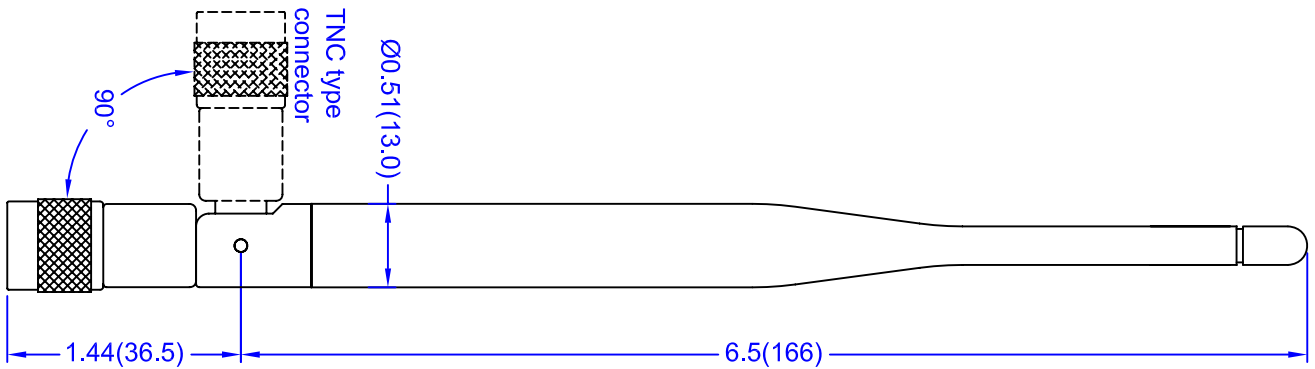
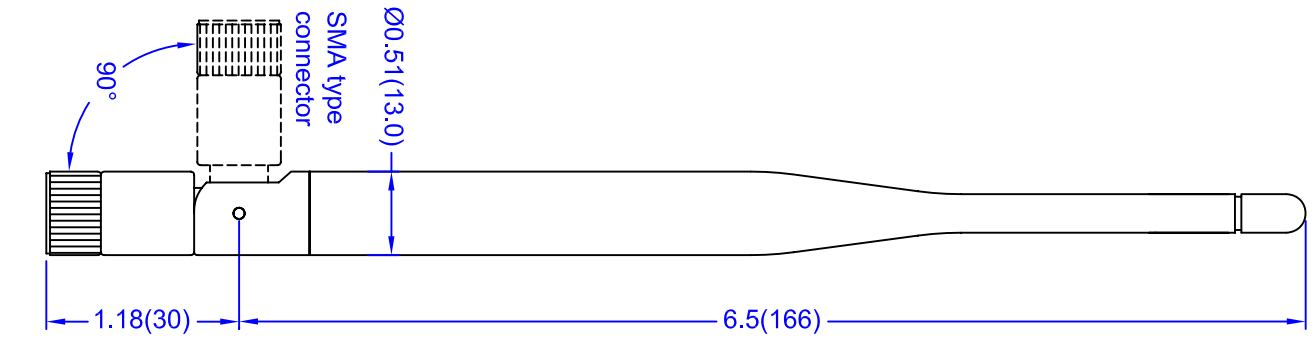
## Contact us

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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**

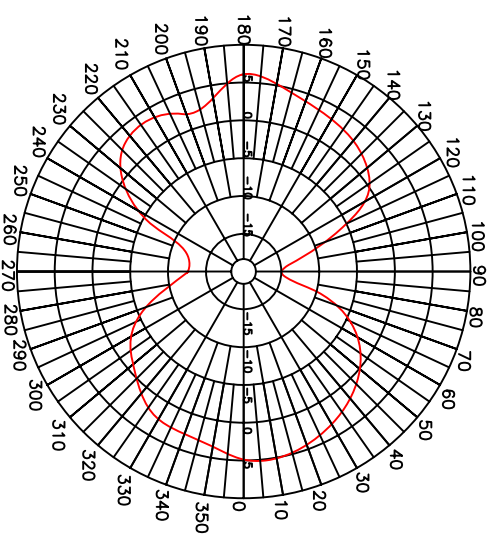
## Series Part Numbers

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

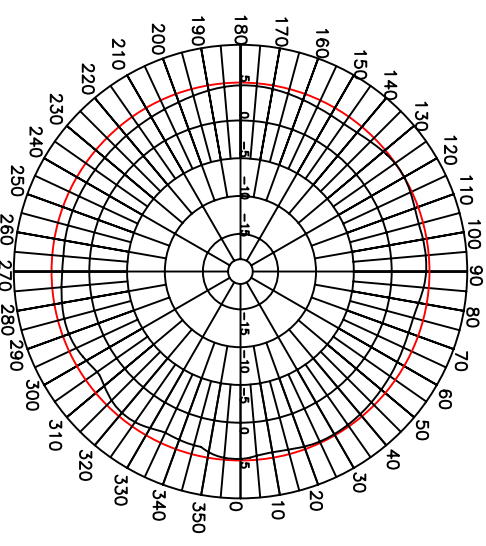
## Connector Interface

 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				
<b>NEARSON</b>				
<a href="http://www.nearson.com">http://www.nearson.com</a>				