

Alternative Connectors

Straight MMCX Plug

P/N: S151FL-L-MM-2450S

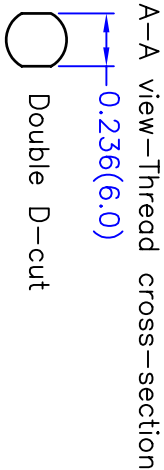
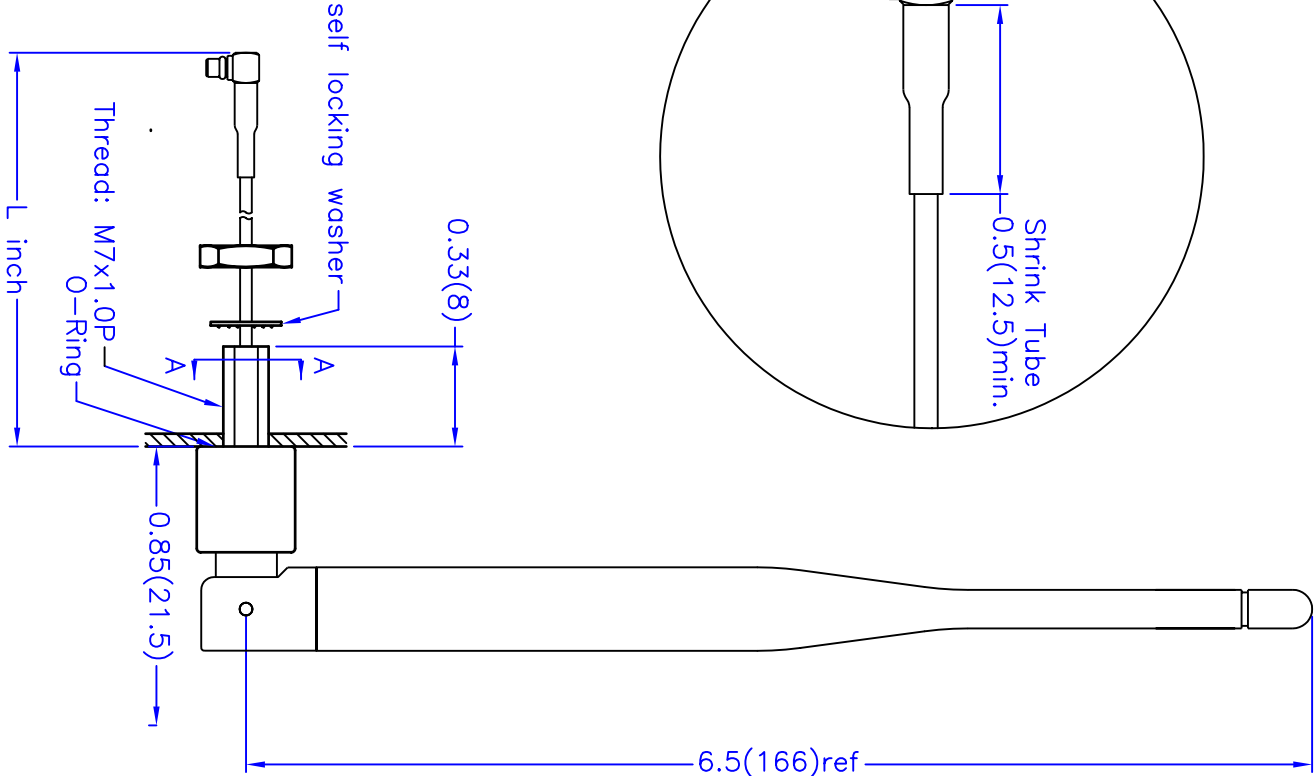
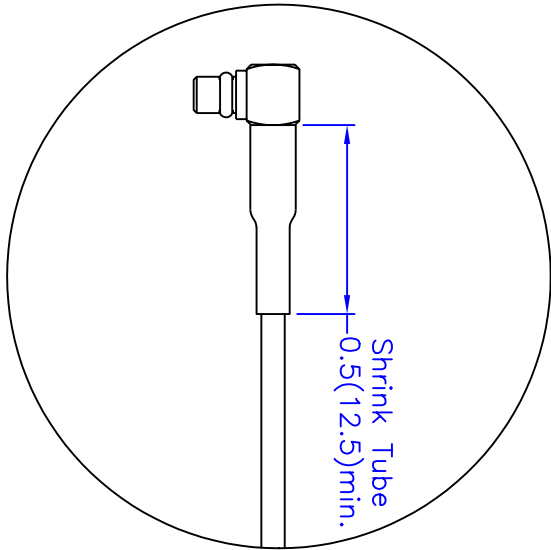
8/30/02	change mounting thread/hole from round to double D-cut
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Electrical Properties:

Frequency Range: 2.4~2.5 GHz
Impedance: 50Ω nominal
VSWR: <2.0:1
Gain: *5.0 dBi
Radiation: Omni
Polarization: Vertical
*Gain is measured under without flying lead.

Mechanical Properties:

Cable: M17/93-RG178; Harbour Industries
Cable Length: Standard length L=5 inches. or to be specified.
Connector: R/A MMCX Plug(male); Nearson 25-03M-TGG
Material:
Overmold: Polyurethane(Black); BASF
Swivel: Polyurethane(Black); BASF and Polycarbonate(Black); Bayer
Operation Temp.: -20°C to +65°C
Storage Temp.: -30°C to +75°C



TITLE		DATE	SHEET
2.4GHz Fixed Mount Swivel Antenna – 151 Model			1 of 2
UNIT	DWG. NO.	S151FL–L–RMM–2450S	
in.(mm)	NEARSON		
SCALE			
None			

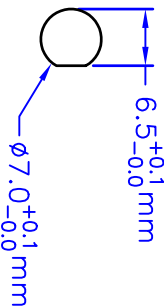
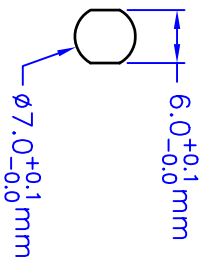
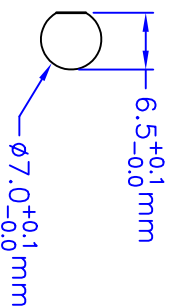
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ECN	Date	Description
	8/30/02	change mounting thread/hole from round to double D-cut

 round	 right D-cut
 double D-cut	 left D-cut

Recommended Mounting-Hole Dimensions

L (inch)	Attenuation (dB)
3"	0.20 dB
4"	0.27 dB
5"	0.33 dB
6"	0.40 dB
8"	0.53 dB
10"	0.66 dB
12"	0.79 dB

Flying Lead Cable Length v.s. Attenuation Table
Standard M17/93-RG178 Cable Measured @ 2.4GHz

TITLE	2.4GHz Fixed Mount Swivel	DATE	SHEET
UNIT	Antenna - 151 Model		2 of 2
in.(mm)	DWG. NO. S151FL-L-RMM-2450S		
SCALE			
None			

NEARSON