

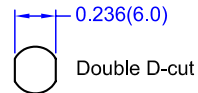
Electrical Properties:

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

A-A view-Thread cross-section



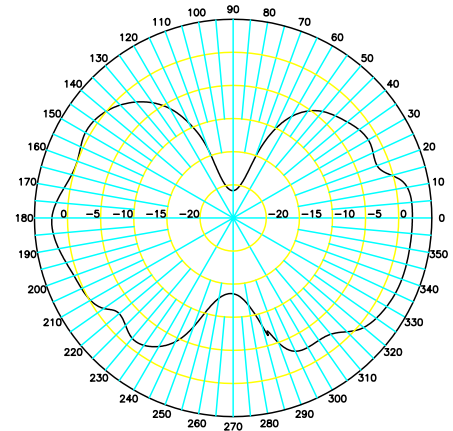
TITLE	2.4GHz Fixed Mount Swivel Antenna - 151 Model	DATE	SHEET
		011305	1 of 2
UNIT	DWG. NO.	S151FL-L-RMM-2450S	
in.(mm)			
SCALE			
None		NEARSON	

<http://www.nearson.com>

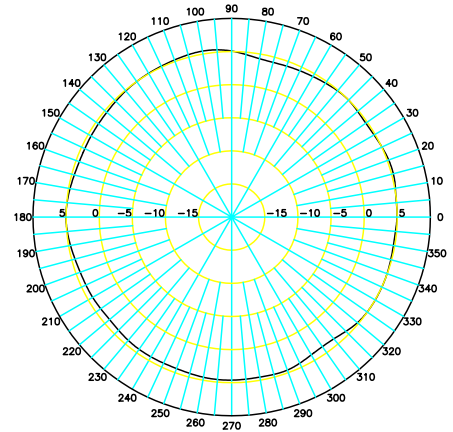
L (inch)	Attenuation (dB)
3"	0.20 dB
4"	0.27 dB
5"	0.33 dB
6"	0.40 dB
8"	0.53 dB
10"	0.66 dB
12"	0.79 dB


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

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



TITLE	2.4GHz Fixed Mount Swivel Antenna - 151 Model		DATE	SHEET
			011305	2 of 2
UNIT	DWG. NO.	S151FL-L-RMM-2450S		
in.(mm)				
SCALE				
None				

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