

P/N | S181FL-L-RMM-2450

Alternative Connectors

.Straight MMCX Plug

P/N: S181FL-L-MM-2450

Electrical Properties:

Frequency Range: 2.4~2.5 GHz
 Impedance: 50Ω nominal
 VSWR: <2.0:1
 Gain: 2.0 dBi
 Radiation: Omni
 Polarization: Vertical
 Wave: Half Wave Dipole

*Gain is measured under without flying lead.

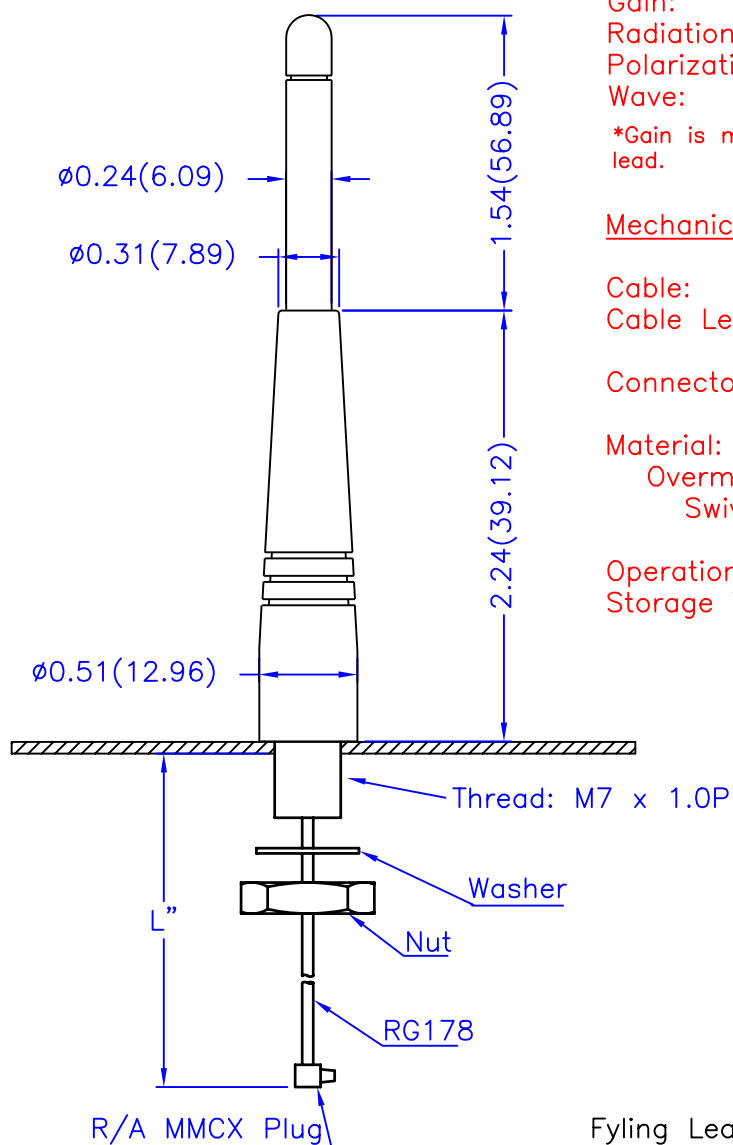
Mechanical Properties:

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: Polyurethene(Black); BASF
 Swivel: Polyurethene(Black); BASF and
 Polycarbonate(Black); Bayer

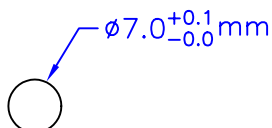
Operation Temp.: -20°C to +65°C
 Storage Temp.: -30°C to +75°C



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

Mounting Hole



TITLE	2.4GHz Fixed Mount Straight Antenna - 181 model	DATE	SHEET
UNIT	DWG. NO. S151FL-L-RMM-2450		1 OF 1
in(mm)			A4
SCALE	NEARSON		
NONE			