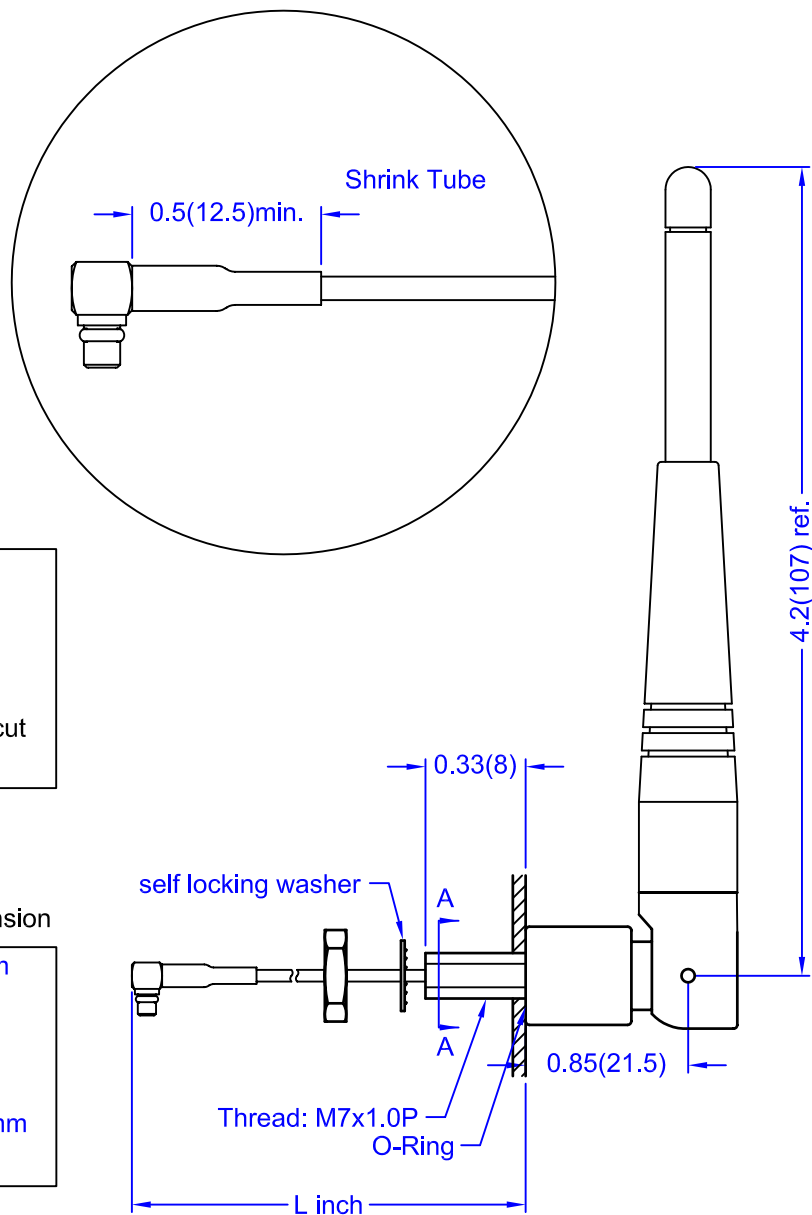




A-A view-Thread
cross-section

0.236(6.0)



Double D-cut

Recommended
Mounting-Hole Dimension

6.0^{+0.1}_{-0.0} mm



Ø7.0^{+0.1}_{-0.0} mm

Double D-cut

Electrical Properties:

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

*Gain is measured under no flying lead.

Mechanical Properties:

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

Connector Interface



MMCX Plug Right Angle
(RMM)

TITLE	2.4GHz Fixed Mount Swivel Antenna - 181 Model		DATE	SHEET
			021805	1 of 2
UNIT	DWG. NO.	S181FL - RMM - 2450S		
in.(mm)				
SCALE				
none				

NEARSON

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 Antenna - 181 Model		DATE	SHEET
			021805	2 of 2
UNIT	DWG. NO.	S181FL - RMM - 2450S		
in.(mm)				
SCALE				
none				

NEARSON