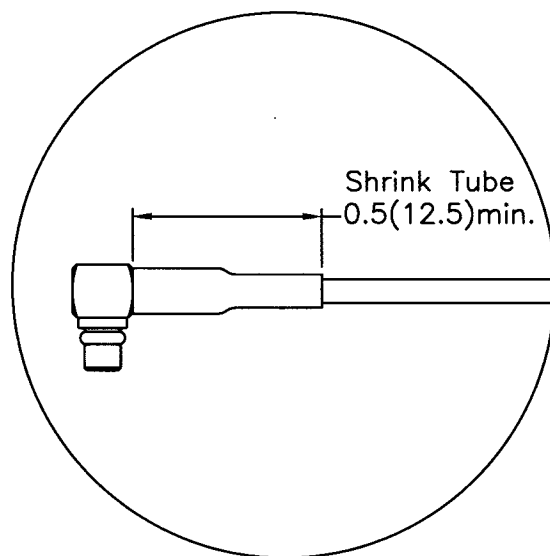
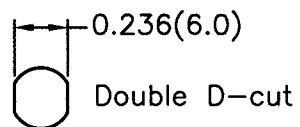
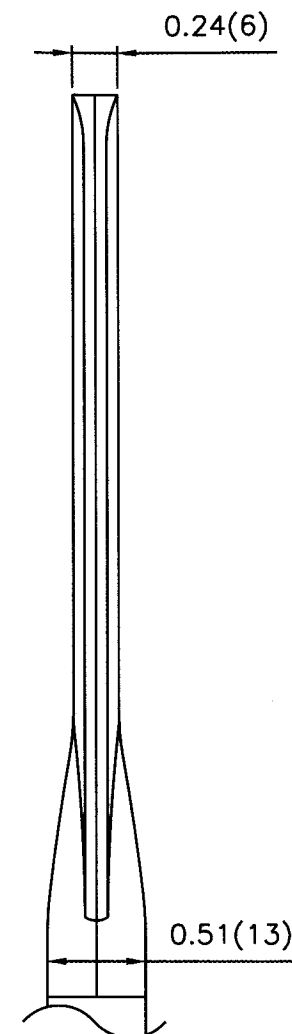
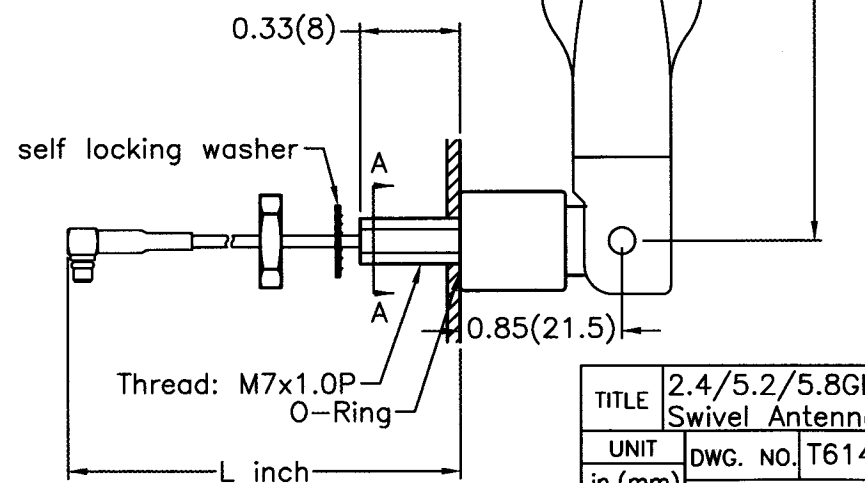




A-A view-Thread cross-section



Double D-cut



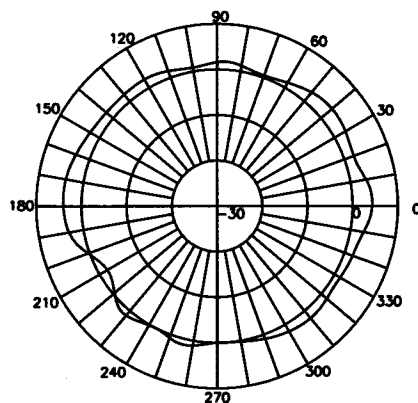
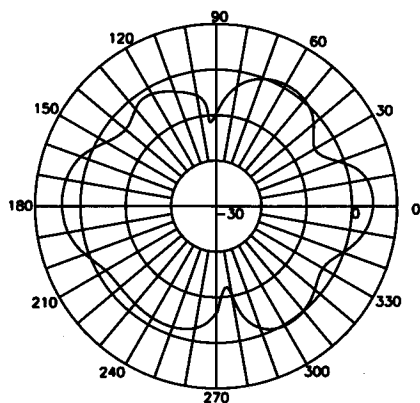
TITLE	2.4/5.2/5.8GHz Fixed Mount Swivel Antenna-614 Model		DATE	SHEET
				1 of 3
UNIT	DWG. NO.	T614FL-L-RMM-2.4/5.x-S		
in.(mm)				
SCALE				
None				

NEARSON

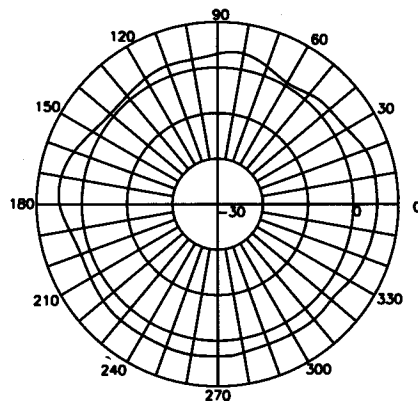
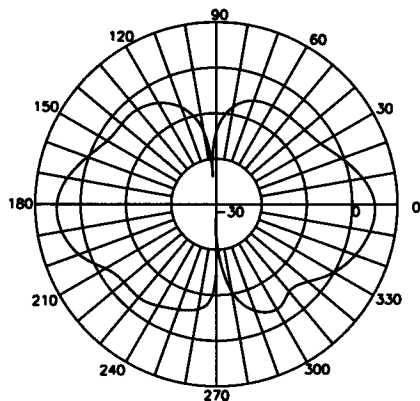
E-Plane Pattern

H-Plane Pattern

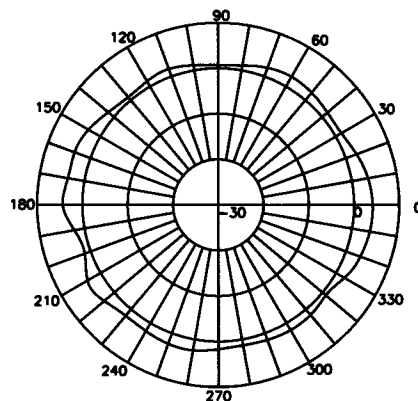
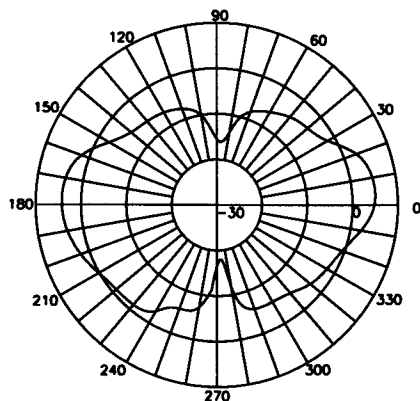
2.45GHz



5.25GHz



5.75GHz



Electrical Properties:

Frequency Range: 2.4~2.5 GHz
5.15~5.85 GHz
Impedance: 50Ω nominal
VSWR: <2.0:1
Gain*: 2.45GHz 4.0 dBi
5.25GHz 5.0 dBi
5.75GHz 4.5 dBi

Radiation: Omni
Polarization: Vertical

*Gain is measured under no flying lead.

Mechanical Properties:

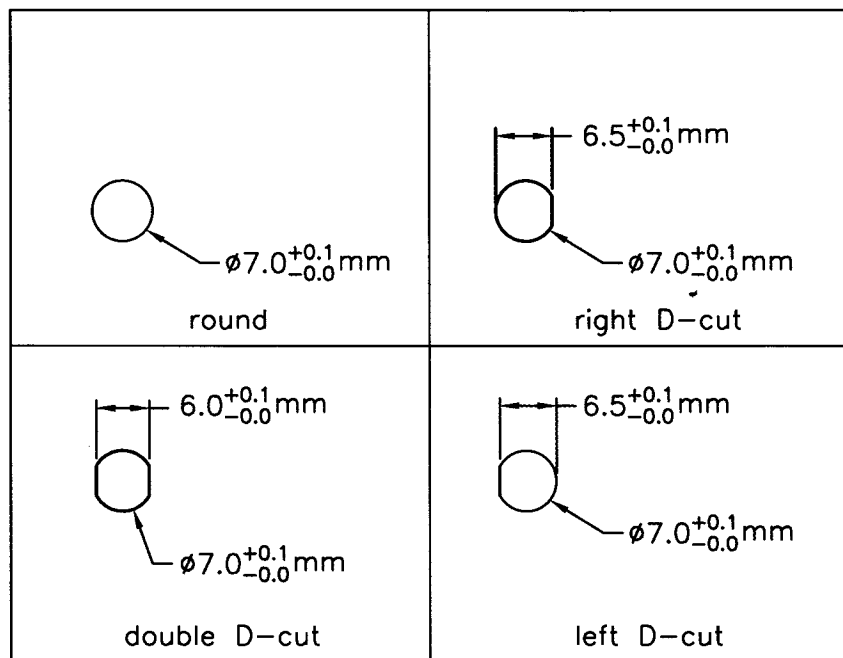
Cable: M17/93-RG178; Harbour Industries
Cable Length: Standard length L=5 inches.
or to be specified.
Connector: R/A MMCX Plug(male);
Nearson 25-03M-TGG

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	2.4/5.2/5.8GHz Fixed Mount Swivel Antenna-614 Model		DATE	SHEET
				2 of 3
UNIT	DWG. NO. T614FL-L-RMM-2.4/5.x-S			
in.(mm)				
SCALE				
None				

NEARSON



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

L (inch)	Attenuation (dB)
3"	0.26 dB
4"	0.35 dB
5"	0.43 dB
6"	0.52 dB
8"	0.70 dB
10"	0.87 dB
12"	1.04 dB

Flying Lead Cable Length v.s. Attenuation Table
Standard M17/93-RG178 Cable Measured @ 5.0GHz

TITLE	2.4/5.2/5.8GHz Fixed Mount Swivel Antenna-614 Model		DATE	SHEET
				3 of 3
UNIT	DWG. NO.	T614FL-L-RMM-2.4/5.x-S		
in.(mm)				
SCALE				
None				

NEARSON