

Electrical Properties:

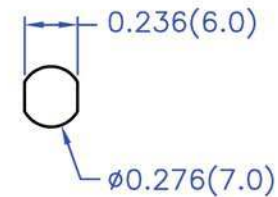
Frequency Range: 2.4~2.5 GHz  
 Impedance: 50Ω nominal  
 VSWR: <2.0:1  
 Gain: \*5.0 dBi  
 Radiation: Omni  
 Polarization: Vertical

\*Gain is measured under without flying lead.

Mechanical Properties:

Cable: 1.37mm coaxial cable, standard length L=5 inches.  
 Connector: IPEX plug connector, Hirose U.FL compatible(female)  
 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

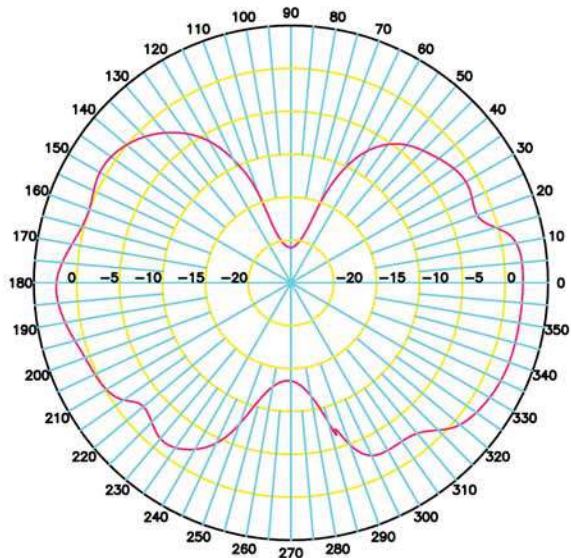
A-A view-Thread cross-section



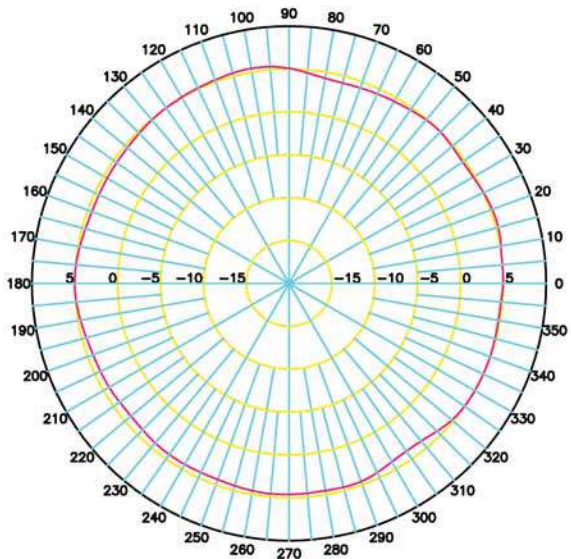
Double D-cut

TITLE	2.4 GHz Fixed Mount Swivel Antenna - 151 Model	DATE	SHEET
UNIT	DWG. NO.	ACH2-AT-DP004	
in.(mm)			
SCALE	DPAC Technologies		
None			

E-Plane Pattern @ 2.45GHz



H-Plane Pattern @ 2.45GHz



L (inch)	Attenuation (dB)
3"	0.23 dB
4"	0.30 dB
5"	0.38 dB
6"	0.45 dB
8"	0.60 dB
10"	0.75 dB
12"	0.90 dB

Flying Lead Cable Length v.s. Attenuation Table  
1.37mm Cable Measured @ 2.45GHz

TITLE	2.4 GHz Fixed Mount Swivel Antenna – 151 Model	DATE	SHEET
			2 of 2
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in.(mm)			
SCALE	DPAC Technologies		
None			