

Excellent Integrated System Limited

Stocking Distributor

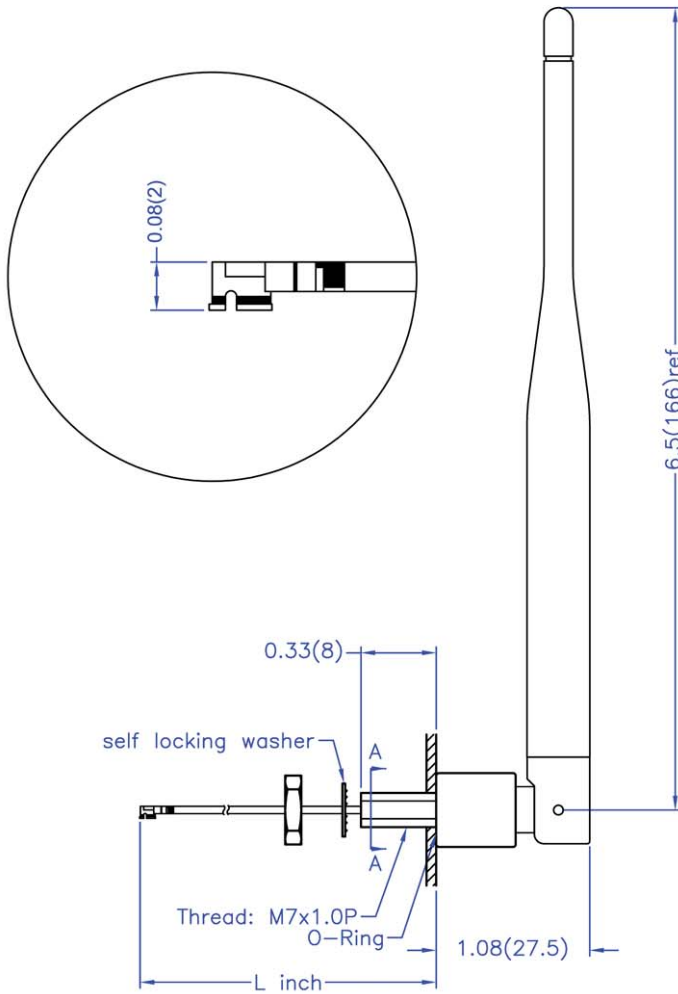
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[B&B SmartWorx, Inc.](#)
[ACH2-AT-DP004](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

P/N ACH2-AT-DP004



Electrical Properties:

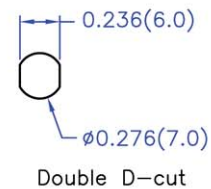
Frequency Range: 2.4~2.5 GHz
 Impedance: 50Ω nominal
 VSWR: <2.0:1
 Gain: *5.0 dBi
 Radiation: Omni
 Polarization: Vertical

*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

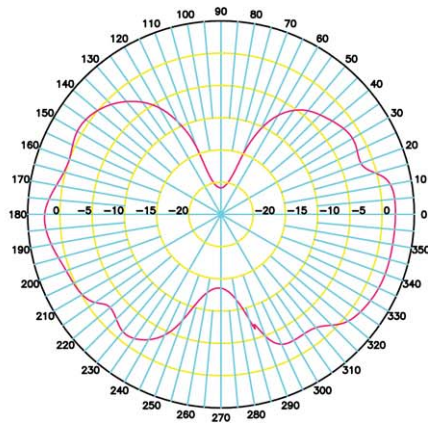
A-A view—Thread cross-section



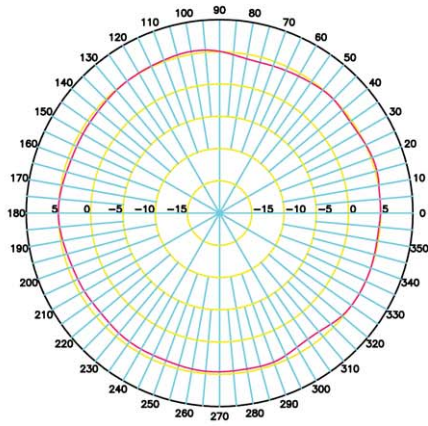
TITLE	2.4 GHz Fixed Mount Swivel Antenna – 151 Model		DATE	SHEET
UNIT	DWG. NO.	ACH2-AT-DP004		
in.(mm)				
SCALE	DPAC Technologies			
None				

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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
UNIT	DWG. NO.	ACH2-AT-DP004	2 of 2
in.(mm)	DPAC Technologies		
SCALE			
None			