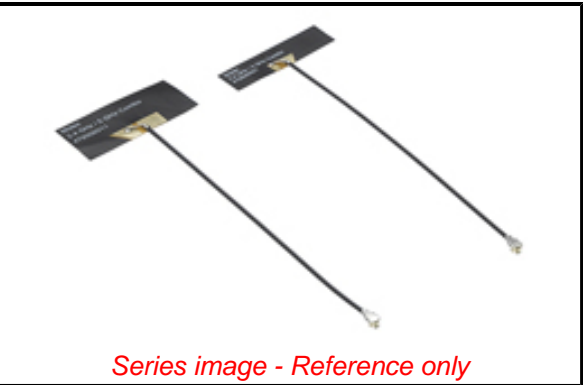


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0479501001
Status: Active
Overview: Standard Antennas
Description: 2.4GHz / 5GHz Wi-Fi* Stand Alone Antenna, 9.00mm Width, Cable Length 150.00mm



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-47950-001-001 \(PDF\)](#)
[Packaging Specification PK-47950-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

General
Product Family Antennas
Series 47950
Component Type Stand Alone Antenna with Cable
Mates With 73412-0110 Microcoaxial RF, 50 Ohm
Overview Standard Antennas
Product Literature Order No 987650-5892
Product Name 2.4 GHz SMD Stand Alone
Type Wi-Fi* Antenna
UPC 884982680883

Physical
Cable Length 150.00mm
Length 34.90mm
Mounting Style Adhesive
Net Weight 0.800/g
Packaging Type Tray
Polarization Linear
Radiation Pattern Omnidirectional
Thickness 0.10mm
Width 9.00mm

Electrical
Band#1 F_End (MHz) 2483.5
Band#1 F_Start (MHz) 2400
Band#2 F_End (MHz) 5900
Band#2 F_Start (MHz) 4800
Electrical Connectivity Cable
Impedance 50Ω
Number of Bands 2
Peak Gain (dBi) 2.7 @ 4.8G, 3.0 @ 2.4G, 3.7 @ 5G
Return Loss - S11 (dB) < -10, < -9
Total Efficiency >60% @ 4.8G, >70% @ 5G, >75% @ 2.4G

Material Info

Reference - Drawing Numbers
Packaging Specification PK-47950-001-001
Product Specification PS-47950-001-001
Sales Drawing SD-47950-001-001

*Wi-Fi is a registered trademark of the Wi-Fi Alliance

EU ELV
Not Relevant
EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen
Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
47950 Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

47950-1001