

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0479501011**  
**Status:** **Active**  
**Overview:** Antennas  
**Description:** 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, Cable Length 150.00mm

**Documents:**

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

**General**

Product Family	Antennas
Series	<u>47950</u>
Component Type	Stand Alone Antenna with Cable
Mates With	<u>73412-0110</u> Microcoaxial RF, 50 Ohm
Overview	<u>Antennas</u>
Product Literature Order No	987650-5892
Product Name	2.4GHz SMD Stand Alone
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	884982682047

**Physical**

Cable Length	150.00mm
Length	35.90mm
Mounting Style	Adhesive
Net Weight	0.800/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.90mm

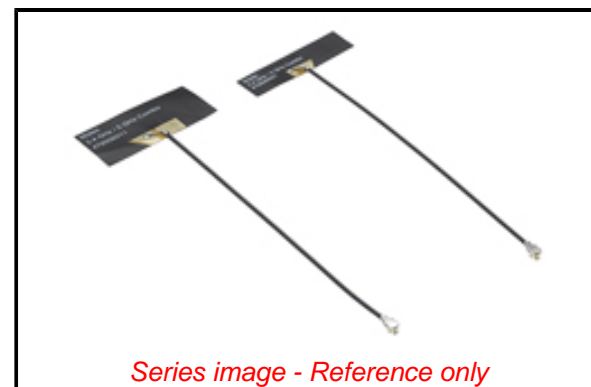
**Electrical**

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)	3.0 @ 2.4G, 4.8 @ 5G
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>75% @ 5G, >80% @ 2.4G

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-47950-001-001
Sales Drawing	SD-47950-011-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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