

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0479501011**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

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

General

Product Family	Antennas
Series	47950
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
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	0.780/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.90mm

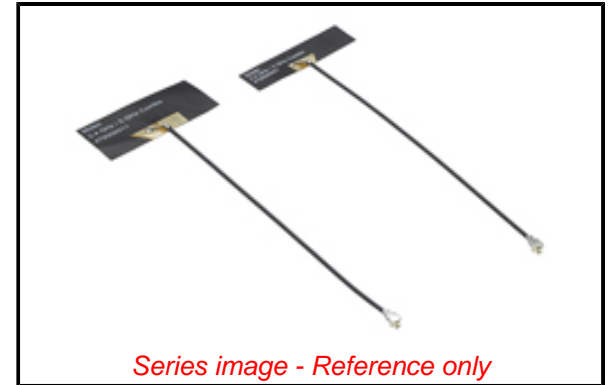
Electrical

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

Material Info

Reference - Drawing Numbers

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

47950 Series