

Status: ❌ Obsolete

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PART NUMBER:

47950001

2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 9.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series: [47950](#)

Replacement: [1461530100](#) (drop-in)

Category: [Antennas](#)

Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)

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Engineering Documents

Product Environmental Compliance

Compliance:

EU ELV: Not Relevant

EU RoHS: Compliant

China RoHS:



REACH SVHC: Not Contained Per -D(2020)9139-DC (19 Jan 2021)

Low-Halogen Status: Low-Halogen

Documents:

[EU RoHS Certificate of Compliance \(PDF\)](#)

[Multiple Part Product Compliance Statements](#)
EU RoHS, REACH SVHC, & Low-Halogen

[Multiple Part Industry Compliance Documents](#)

*IPC 1752A Class C

*IPC 1752A Class D

*Molex Product Compliance Declaration

*IEC-62474

*chemSHERPA (xml)

View Molex Environmental Position Statements: [Click here](#)

Request Molex's CMRT from conflictminerals@molex.com



General

Status	Obsolete
Replacement Part Number	1461530100 (drop-in)
Category	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, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	884982642638

Physical

Cable Length	100.00mm
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

(Please review the Product Specification for specific details.)

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, 4.6 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>70% @ 5 GHz, >75% @ 2.4 GHz

Do you have any questions?

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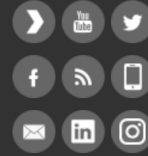
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