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Part Number: **0479500011**

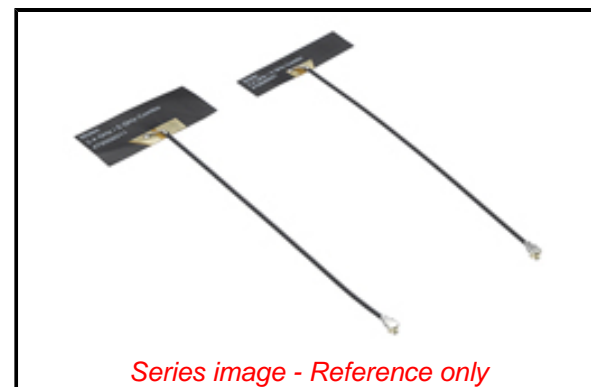
Status: **Active**

Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification AS-47950-011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-47950-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-47950-011-001 (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	884982642645

Physical

Cable Length	100.00mm
Length	35.90mm
Mounting Style	Adhesive
Net Weight	0.680/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)	2.27 @ 2.4 GHz, 4.9 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>85% @ 2.4 GHz, >85% @ 5 GHz

Material Info

Reference - Drawing Numbers

Application Specification	AS-47950-011-001
Packaging Specification	PK-47950-001-001
Product Specification	PS-47950-011-001
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

Mouser Electronics

Authorized Distributor

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