



Part Number : 479500011
Product Description : 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Series Number : 47950
Status : Not Recommended For New Design
Product Category : Antennas



Documents & Resources

Specifications

- [AS-47950-011-001.pdf](#)
- [PK-47950-001-001.pdf](#)
- [PS-47950-011-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	Antennas
Series	47950
Description	2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	2.4GHz SMD Stand Alone
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	884982642645

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

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

Mates With / Use With

Mates with Part(s)

Description	Part Number
MCRF Jack, Straight, PCB Receptacle, Surface Mount, 1.25mm Mounted Height, 50 Ohms	<u>734120110</u>

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