

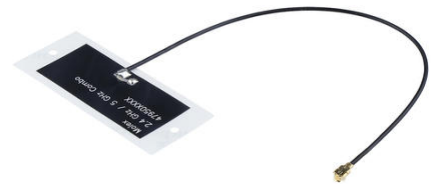
Part Number : [479501011](#)

Product Description : 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Series Number : 47950

Status : Obsolete

Product Category : Antennas




Documents and Resources

Specifications

[PK-47950-001-001.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)7771-DC (04 Feb 2026) |
| 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 | Obsolete |
| Category | Antennas |
| Series | 47950 |
| Description | 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 150.00mm 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 | 884982682047 |

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 |

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 |

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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Obsolète