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**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:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Packaging Specification PK-47950-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**General**

|                |   |
|----------------|---|
| Product Family | Antennas  |
| Series         | <a href="#">47950</a>   |
| Component Type | Flexible Antenna with Cable   |
| Function       | Signal  |
| Mates With     | <a href="#">734120110 Microcoaxial RF, 50 Ohm</a>                           |
| Overview       | <a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a> |
| 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         |

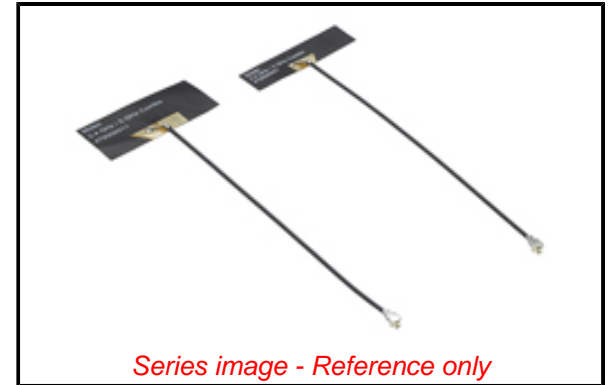
**Electrical**

|                         |                              |
|-------------------------|------------------------------|
| 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(2020)4578-DC (25  
June 2020)

**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**

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