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Part Number: **0479500011**

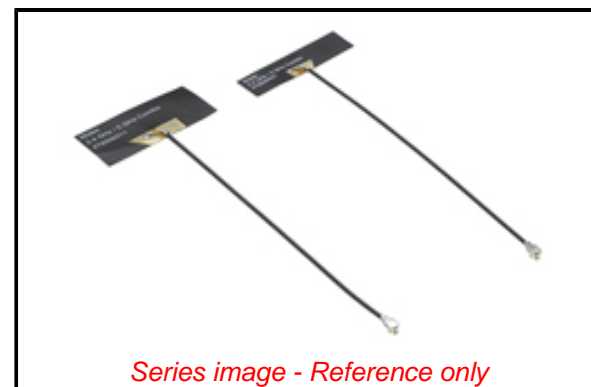
Status: **Active**

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