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**Part Number:** [1461530150](#)  
**Status:** **Active**  
**Overview:** Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee  
**Description:** 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna, 9.00mm Width, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

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

**General**

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| Product Family | Antennas                                                          |
| Series         | <a href="#">146153</a>                                            |
| Component Type | Flexible Antenna with Cable                                       |
| Function       | Signal                                                            |
| Mates With     | Molex Receptacle <a href="#">734120110</a> and other alternatives |
| Overview       | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee       |
| Product Name   | 2.4/5GHz Balanced Flex Antenna                                    |
| Protocol       | BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee                     |
| Type           | Wi-Fi Antenna                                                     |
| UPC            | 889056310826                                                      |

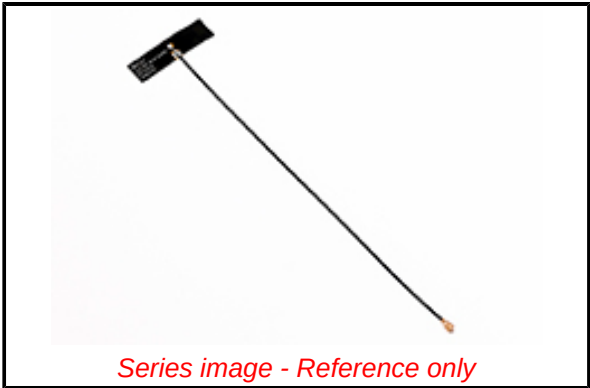
**Physical**

|                   |                 |
|-------------------|-----------------|
| Cable Length      | 150.00mm        |
| Length            | 34.90mm         |
| Mounting Style    | Adhesive        |
| Net Weight        | 0.724/g         |
| Packaging Type    | PET Film        |
| Polarization      | Linear          |
| Radiation Pattern | Omnidirectional |
| Thickness         | 0.10mm          |
| Width             | 9.00mm          |

**Electrical**

|                         |                             |
|-------------------------|-----------------------------|
| Band#1 F_End (MHz)      | 2483.5                      |
| Band#1 F_Start (MHz)    | 2400                        |
| Band#2 F_End (MHz)      | 5930                        |
| Band#2 F_Start (MHz)    | 4900                        |
| Electrical Connectivity | Cable                       |
| Peak Gain (dBi)         | 2.8 @ 2.4 GHz, 3.7 @ 5 GHz  |
| Return Loss - S11 (dB)  | < -10                       |
| Total Efficiency        | >70% @ 5 GHz, >72% @2.4 GHz |

**Material Info**



Series image - Reference only

**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[146153](#) Series