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**Part Number:** [1461530200](#)  
**Status:** **Active**  
**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
**Description:** Wi-Fi 6E Flex Cabled Balanced Antenna, 9.00mm Width, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**  
[3D Model](#) [Application Specification AS-146153-100-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification 1461530100-000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Product Specification PS-146153-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

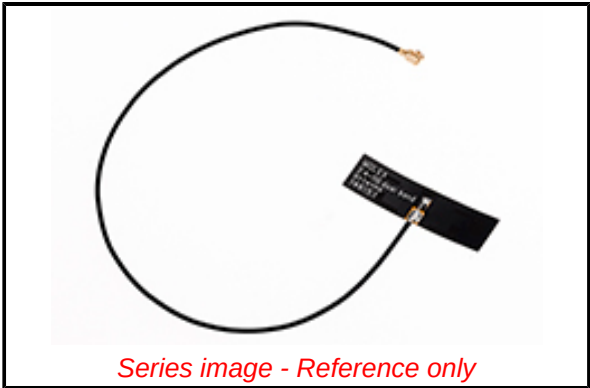
**General**  
Product Family Antennas  
Series [146153](#)  
Component Type Flexible Antenna with Cable  
Function Signal  
Overview [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
Product Name 2.4/5GHz Balanced Flex Antenna  
Protocol BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee  
Taxonomy Antennas  
Type Wi-Fi Antenna  
UPC 889056310833

**Physical**  
Cable Length 200.00mm  
Length 34.90mm  
Mounting Style Adhesive  
Net Weight 0.920/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) 2.6 @ 2.4 GHz, 3.5 @ 5 GHz  
Return Loss - S11 (dB) < -10  
Total Efficiency >66% @ 5 GHz, >69% @ 2.4 GHz

**Material Info**

**Reference - Drawing Numbers**  
Application Specification AS-146153-100-001  
Packaging Specification 1461530100-000  
Product Specification PS-146153-100-001  
Sales Drawing SD-146153-050-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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](#)

**Mates With**

Molex Receptacle [734120110](#) and other alternatives