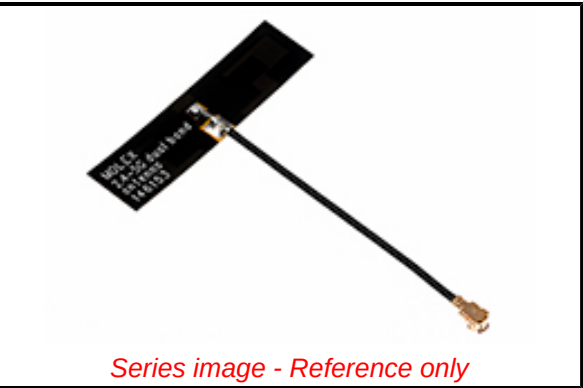


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Part Number: [1461530050](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: Wi-Fi 6E Flex Cabled Balanced Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:
[3D Model](#) [Application Specification AS-146153-100-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification 1461530100-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [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
Mates With Molex Receptacle [734120110](#) 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 889056310000

Physical
Cable Length 50.00mm
Length 34.90mm
Mounting Style Adhesive
Net Weight 0.380/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) 3.2 @ 2.4 GHz, 4.25 @ 5 GHz
Return Loss - S11 (dB) < -10
Total Efficiency >78% @2.4 GHz, >79% @ 5 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](#)

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