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Part Number: **1461530100**

Status: **Active**

Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description: Wi-Fi 6E Flex Cabled Balanced Antenna, 9.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

<u>3D Model</u>	<u>Application Specification AS-146153-100-001 (PDF)</u>
<u>Drawing (PDF)</u>	<u>Packaging Specification 1461530100-000 (PDF)</u>
<u>3D Model (PDF)</u>	<u>Datasheet (PDF)</u>
<u>Product Specification PS-146153-100-001 (PDF)</u>	<u>RoHS Certificate of Compliance (PDF)</u>

General

Product Family	Antennas
Series	<u>146153</u>
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	<u>Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</u>
Product Name	2.4/5GHz Balanced Flex Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Taxonomy	Antennas
Type	Wi-Fi Antenna
UPC	889056310017

Physical

Cable Length	100.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.480/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)	3.0 @ 2.4 GHz, 4.0 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 2.4 GHz, >75% @ 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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