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Part Number: [1461530100](#)

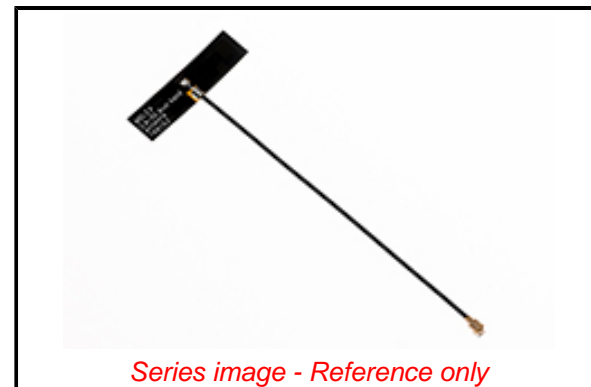
Status: **Active**

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

Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna, 9.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

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)



Series image - Reference only

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	889056310017

Physical

Cable Length	100.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.574/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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[146153 Series](#)