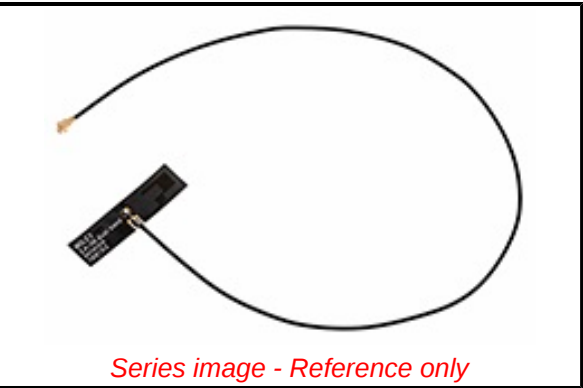


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Part Number: [1461530300](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna, 9.00mm Width, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

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

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 Literature Order No 987651-6901
Product Name 2.4/5GHz Balanced Flex Antenna
Protocol BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type Wi-Fi Antenna
UPC 889056310857

Physical
Cable Length 300.00mm
Length 34.90mm
Mounting Style Adhesive
Net Weight 1.174/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) 2.2 @ 2.4 GHz, 2.8 @ 5 GHz
Return Loss - S11 (dB) < -10
Total Efficiency >59% @ 5 GHz, >63% @ 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 **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/88/2018 (15
January 2019)
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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