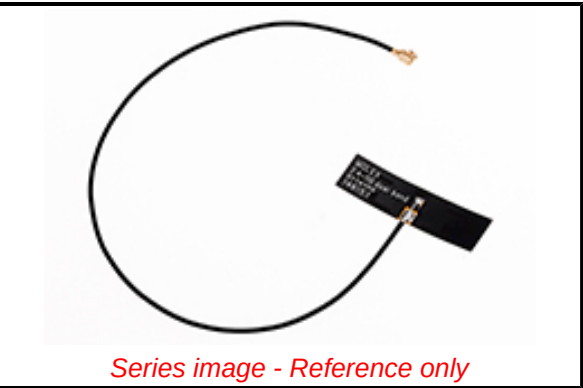


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Part Number: [1461530200](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna, 9.00mm Width, Cable Length 200.00mm



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

General
Product Family Antennas
Series [146153](#)
Component Type Stand Alone Antenna with Cable
Mates With [73412-0110](#) Microcoaxial RF, 50 Ohm
Overview [Standard Antennas](#)
Product Literature Order No 987650-5892
Product Name 2.4/5GHz Balanced Flex Antenna
Protocol BLE, BT, WiFi, Wireless Hart, Zigbee
Type Wi-Fi* Antenna
UPC 889056310833

Physical
Cable Length 200.00mm
Length 34.90mm
Mounting Style Adhesive
Net Weight 0.874/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) 5850
Band#2 F_Start (MHz) 5150
Electrical Connectivity Cable
Impedance 50Ω
Number of Bands 2
Peak Gain (dBi) 2.6 @ 2.4G, 4.0 @ 5G
Return Loss - S11 (dB) < -10
Total Efficiency >62% @ 5G, >69% @ 2.4G

Material Info

Reference - Drawing Numbers
Application Specification AS-146153-100-001
Packaging Specification PK-146153-100-001
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/01/2017 (12
January 2017)
Halogen-Free
Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

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