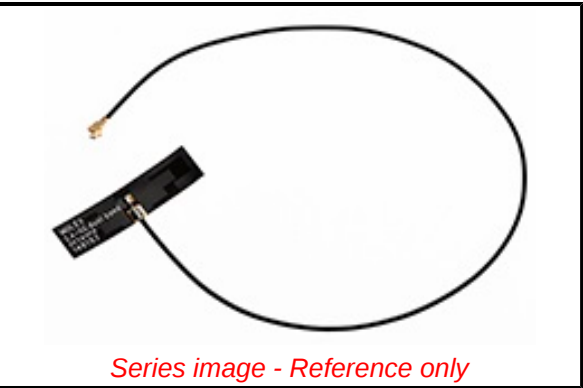


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Part Number: [1461530250](#)
Status: **Active**
Overview: [Antennas](#)
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna with MHF Connector, 9.00mm Width, Cable Length 250.00mm



Series image - Reference only

Documents:

- | | |
|---|--|
| 3D Model | Packaging Specification 1461530100-000 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-146153-100-001 (PDF) | Product Literature (PDF) |
| Application Specification AS-146153-100-001 (PDF) | |

General

Product Family	Antennas
Series	146153
Component Type	Stand Alone Antenna with Cable
Mates With	Molex Receptacle 73412-0110 and other alternatives
Overview	Antennas
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	889056310840

Physical

Cable Length	250.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	1.024/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)	2.4 @ 2.4G, 3.2 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>63% @ 5G, >66% @ 2.4G

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
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[146153](#) Series