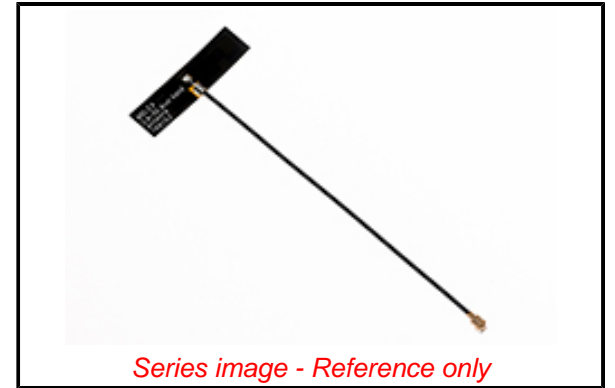


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**Part Number:** **1461530100**  
**Status:** **Active**  
**Overview:** Antennas  
**Description:** 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna with MHF Connector, 9.00mm Width, Cable Length 100.00mm

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 1461530100-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-146153-100-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-146153-100-001 (PDF)</a>	



**General**

Product Family	Antennas
Series	146153
Component Type	Stand Alone Antenna with Cable
Mates With	Molex Receptacle <a href="#">73412-0110</a> and other alternatives
Overview	<u>Antennas</u>
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	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
Impedance	50Ω
Number of Bands	2
Peak Gain (dBi)	3.0 @ 2.4G, 4.0 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 2.4G, >75% @ 5G

**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**

Contained Per -  
ED/01/2018 (15  
January 2018)  
2,4-Di-tert-butyl-6-(5-  
chlorobenzotriazol-2-  
yl)p

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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

**Search Parts in this Series**

[146153](#) Series

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