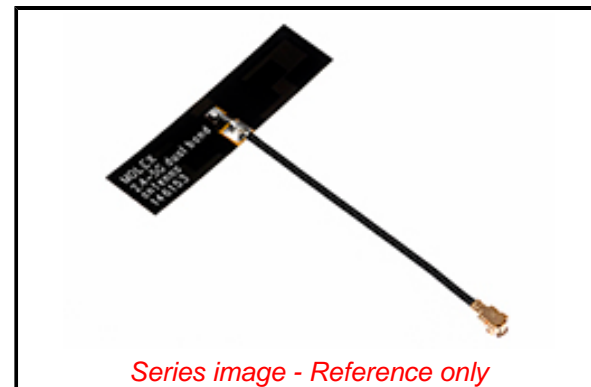


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Part Number: **1461530050**
Status: **Active**
Overview: Antennas
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna with MHF Connector, 9.00mm Width, Cable Length 50.00mm

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)	



Series image - Reference only

General

Product Family	Antennas
Series	146153
Component Type	Stand Alone Antenna with Cable
Mates With	Molex Receptacle 73412-0110 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	889056310000

Physical

Cable Length	50.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.487/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)	3.2 @ 2.4G, 4.25 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>78% @2.4G, >79% @ 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

Not Contained Per
-ED/01/2018 (15
January 2018)

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

Search Parts in this Series

[146153 Series](#)

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