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Part Number: [1461530100](#)
Status: **Active**
Overview: Standard Antennas
Description: 2.4GHz / 5GHz Wi-Fi* Stand Alone Balance Antenna, 9.00mm Width, Cable Length 100.00mm

Documents:

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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
Type	Wi-Fi* Antenna
UPC	889056310017

Physical

Cable Length	100.00mm
Depth	0.10mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.574/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
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	50#
Number of Bands	2
Peak Gain (dBi)	3.0 @ 2.4G, 4.5 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 5G, >75% @ 2.4G

Material Info

*Wi-Fi is a registered trademark of the Wi-Fi Alliance



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[146153](#) Series

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