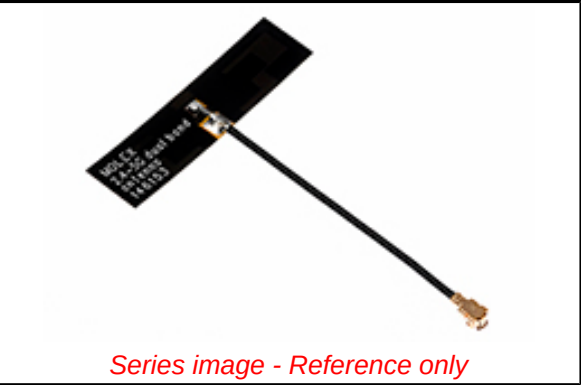


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Part Number: [1461530050](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: 2.4GHz / 5GHz Wi-Fi* Stand Alone Balance Antenna, 9.00mm Width, Cable Length 50.00mm



Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-146153-100 \(PDF\)](#)
[Application Specification AS-146153-100 \(PDF\)](#)
[Packaging Specification PK-146153-100 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[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
Type Wi-Fi* Antenna
UPC 889056310000

Physical
Cable Length 50.00mm
Depth 0.10mm
Length 34.90mm
Mounting Style Adhesive
Net Weight 0.487/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) 3.2 @ 2.4G, 4.75 @ 5G
Return Loss - S11 (dB) < -10
Total Efficiency >75% @ 5G, >78% @2.4G

Material Info

Reference - Drawing Numbers
Application Specification AS-146153-100
Packaging Specification PK-146153-100
Product Specification PS-146153-100
Sales Drawing SD-146153-050

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

EU ELV
Not Relevant

EU RoHS **China 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 Green Image
ELV Not Relevant

Search Parts in this Series
[146153](#) Series