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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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-146153-100 (PDF)</a>
<a href="#">Product Specification PS-146153-100 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-146153-100 (PDF)</a>	<a href="#">Product Literature (PDF)</a>



**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**

**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**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**  
146153 Series