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**Part Number:** [1461870250](#)  
**Status:** **Active**  
**Overview:** [Standard Antennas](#)  
**Description:** 2.4GHz / 5GHz Wi-Fi\* PCB Antenna with Balanced Transmission, 9.00mm Width, Cable Length 250.00mm

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-146187-100 (PDF)</a>
<a href="#">Product Specification PS-146187-100 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	146187
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	<a href="#">Standard Antennas</a>
Product Name	2.4/5GHz Balanced PCB Antenna
Type	Wi-Fi* Antenna
UPC	889056416634

**Physical**

Cable Length	250.00mm
Depth	0.10mm
Length	40.95mm
Mounting Style	Screws
Net Weight	1.269/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.00mm

**Electrical**

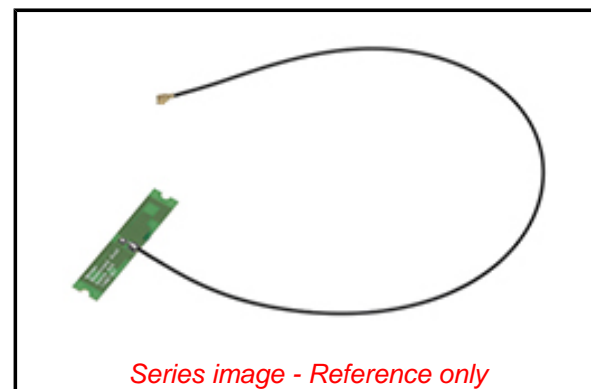
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Impedance	50#
Number of Bands	2
Peak Gain (dBi)	2.6 @ 2.4G, 3.7 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>60% @ 5G, >70% @ 2.4G

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-146187-100
Product Specification	PS-146187-100
Sales Drawing	SD-146187-050

\*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**

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China ROHS  
ELV

Green Image  
Not Relevant

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[146187 Series](#)