

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **[1461870300](#)**
Status: **Active**
Overview: Standard Antennas
Description: 2.4GHz / 5GHz Wi-Fi* PCB Antenna with Balanced Transmission, 9.00mm Width, Cable Length 300.00mm

Documents:

Drawing (PDF)	Application Specification AS-146187-100 (PDF)
Product Specification PS-146187-100 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	146187
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Standard Antennas
Product Name	2.4/5GHz Balanced PCB Antenna
Type	Wi-Fi* Antenna
UPC	889056416641

Physical

Cable Length	300.00mm
Depth	0.10mm
Length	40.95mm
Mounting Style	Screws
Net Weight	1.419/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.00mm

Electrical

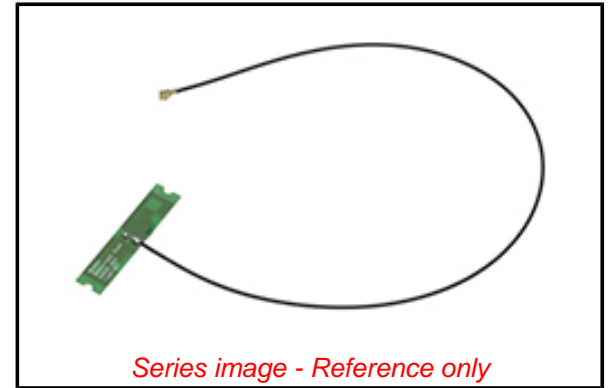
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Impedance	50#
Number of Bands	2
Peak Gain (dBi)	2.4 @ 2.4G, 3.5 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>57% @ 5G, >68% @ 2.4G

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

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

[146187 Series](#)