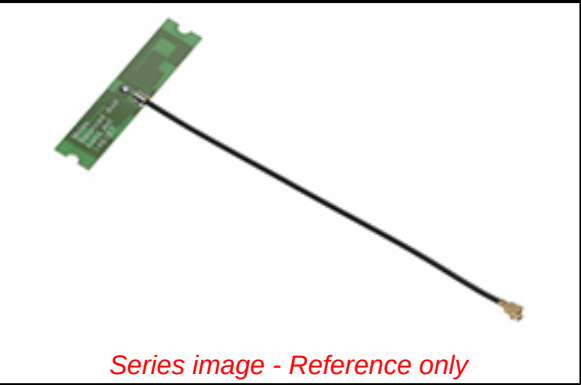


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Part Number: [1461870100](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: 2.4GHz / 5GHz Wi-Fi* PCB Antenna with Balanced Transmission, 9.00mm Width, Cable Length 100.00mm



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 889056416405

Physical
Cable Length 100.00mm
Depth 0.10mm
Length 40.95mm
Mounting Style Screws
Net Weight 0.893/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, 4.5 @ 5G
Return Loss - S11 (dB) < -10
Total Efficiency >70% @ 5G, >80% @ 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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contained Per -
ED/79/2015 (17
December 2015)
2,4-Di-tert-butyl-6-(5-
chlorobenzotriazol-2-
yl)p

Halogen-Free

Status

Low-Halogen

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Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant

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[146187](#) Series