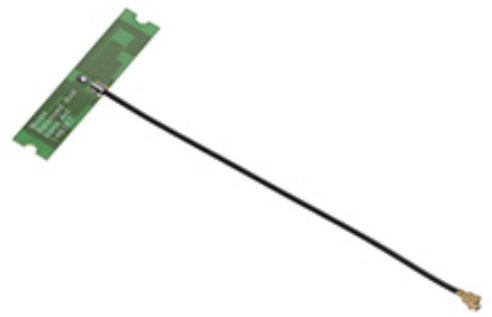
Part Number: 1461870100
Status: Active
Overview: Standard Antennas
Description: 2.4GHz / 5GHz Wi-Fi* PCB Antenna with Balanced Transmission, 9.00mm Width, Cable Length 100.00mm



Series image - Reference only

Documents:
Drawing (PDF)
Product Specification PS-146187-100 (PDF)
Application Specification AS-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

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
146187 Series