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Part Number: [1461870050](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: Wi-Fi 6E PCB Cabled Balanced Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:
[3D Model](#) [Application Specification AS-146187-100-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification 1461870100-PK \(PDF\)](#)
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification PS-146187-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [146187](#)
Component Type PCB Antenna with Cable
Function Signal
Mates With [734120110](#) Microcoaxial RF, 50 Ohm
Overview [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)

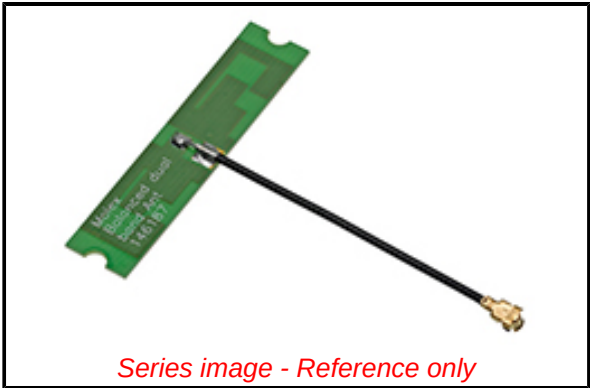
Product Name 2.4/5GHz Balanced PCB Antenna
Protocol BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type Wi-Fi Antenna
UPC 889056416399

Physical
Cable Length 50.00mm
Length 40.95mm
Mounting Style Screw-Nut
Net Weight 0.732/g
Packaging Type PET Film
Polarization Linear
Radiation Pattern Omnidirectional
Thickness 0.70mm
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
Peak Gain (dBi) 3.4 @ 2.4 GHz, 4.75 @ 5 GHz
Return Loss - S11 (dB) < -10
Total Efficiency >75% @ 5 GHz, >85% @ 2.4 GHz

Material Info

Reference - Drawing Numbers
Application Specification AS-146187-100-001
Packaging Specification 1461870100-PK
Product Specification PS-146187-100-001
Sales Drawing SD-146187-050-001



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
2-Methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[146187](#) Series