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Part Number: [1462200100](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: GPS and WiFi 2.4GHz / 5GHz Combo PCB Antenna, 16.60mm Width, Cable Length 100.00mm

Documents:

Drawing (PDF)	Packaging Specification PK-146220-100 (PDF)
Product Specification PS-146220-100 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-146220-100 (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	146220
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Standard Antennas
Product Literature Order No	987651-3851
Product Name	2.4/5GHz GPS-Wi-Fi* Antenna
Type	GPS-Wifi Antenna
UPC	889056569668

Physical

Cable Length	100.00mm
Depth	0.81mm
Length	53.50mm
Mounting Style	Screws
Net Weight	1.794/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	16.60mm

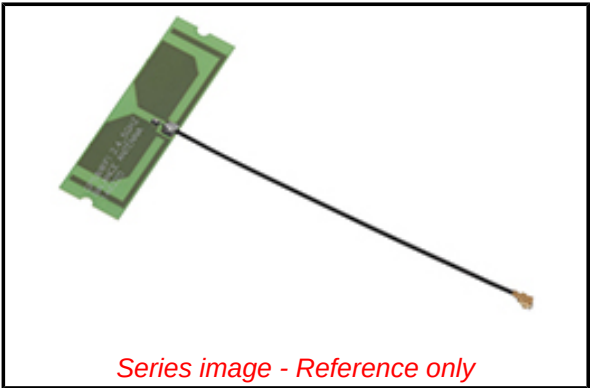
Electrical

Band#1 F_End (MHz)	1602
Band#1 F_Start (MHz)	1575.42
Band#2 F_End (MHz)	2483.5
Band#2 F_Start (MHz)	2400
Band#3 F_End (MHz)	5850
Band#3 F_Start (MHz)	5150
Band#4 F_End (MHz)	6000
Band#4 F_Start (MHz)	3000
Electrical Connectivity	Cable
Impedance	50#
Number of Bands	4
Peak Gain (dBi)	2.4 @ 1575M, 2.9 @ 2.4G, 3.5 @ 3G, 3.8 @ 5G
Return Loss - S11 (dB)	< -8
Total Efficiency	>78% @ 3G, >80% @ 2.4G, >82% @ 1575M, >83% @ 5G

Material Info

Reference - Drawing Numbers

Application Specification	AS-146220-100
Packaging Specification	PK-146220-100
Product Specification	PS-146220-100
Sales Drawing	SD-146220-050



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

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Green Image
Not Relevant

Search Parts in this Series

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