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Part Number: [1461860200](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: GPS and WiFi 2.4GHz / 5GHz Combo Flex Antenna, 18.00mm Width, Cable Length 200.00mm

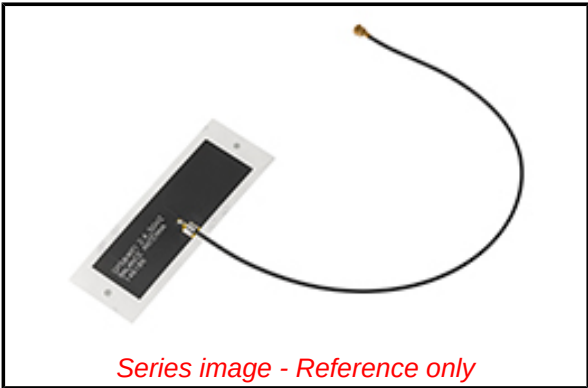
Documents:
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [146186](#)
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 889056433631

Physical
Cable Length 200.00mm
Depth 0.10mm
Length 53.00mm
Mounting Style Adhesive
Net Weight 0.953/g
Packaging Type PET Film
Polarization Linear
Radiation Pattern Omnidirectional
Width 18.00mm

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) 2.7 @ 1575M, 2.7 @ 2.4G, 3.5 @ 5G, 4.2 @ 3G
Return Loss - S11 (dB) < -10
Total Efficiency >62% @ 5G, >65% @ 1575M, >70% @ 2.4G, >71% @ 3G

Material Info



EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
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

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[146186](#) Series