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Part Number: [1461850050](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: Multi-band Cellular/WiFi Combo Flex Antenna, 15.00mm Width, Cable Length 50.00mm

Documents:
[Drawing \(PDF\)](#) [Application Specification AS-146185-100 \(PDF\)](#)
[Product Specification PS-146185-100 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

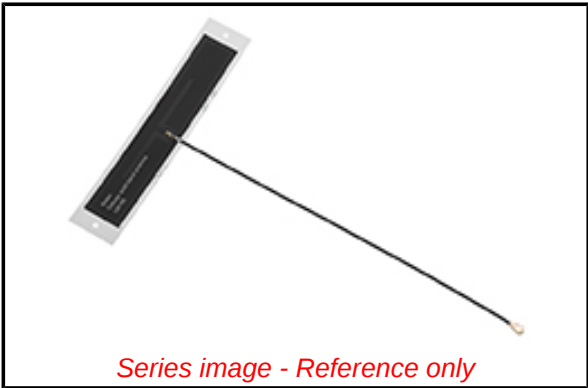
General
Product Family Antennas
Series [146185](#)
Component Type Stand Alone Antenna with Cable
Mates With [73412-0110](#) Microcoaxial RF, 50 Ohm
Overview [Standard Antennas](#)
Product Name Multi-band Cellular-WiFi
Type Cellular-Wifi Antenna
UPC 889056549622

Physical
Cable Length 50.00mm
Depth 0.10mm
Length 84.00mm
Mounting Style Adhesive
Net Weight 0.566/g
Packaging Type PET Film
Polarization Linear
Radiation Pattern Omnidirectional
Width 15.00mm

Electrical
Band#1 F_End (MHz) 960
Band#1 F_Start (MHz) 824
Band#2 F_End (MHz) 2700
Band#2 F_Start (MHz) 1710
Band#3 F_End (MHz) 6000
Band#3 F_Start (MHz) 3000
Electrical Connectivity Cable
Impedance 50#
Number of Bands 2 - WiFi, 7 - Cellular
Peak Gain (dBi) 1.6 @ 824M, 3.4 @ 1710M, 4.2 @ 3G
Return Loss - S11 (dB) < -4, < -6
Total Efficiency >65% @ 824M, >72% @ 1710M, >74% @ 3G

Material Info

Reference - Drawing Numbers
Application Specification AS-146185-100
Product Specification PS-146185-100
Sales Drawing SD-146185-050



EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/79/2015 (17 December 2015) 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 China ROHS ELV	Green Image Not Relevant
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Search Parts in this Series
[146185](#) Series