Part Number: 1461850200
Status: Active
Overview: Standard Antennas
Description: Multi-band Cellular/WiFi Combo Flex Antenna, 15.00mm Width, Cable Length 200.00mm

Series image - Reference only

Documents:
Drawing (PDF)
Product Specification PS-146185-100 (PDF)
Application Specification AS-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	889056549684

Physical

Cable Length	200.00mm
Depth	0.10mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	0.953/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)	1.3 @ 824M, 2.9 @ 1710M, 3.5 @ 3G
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>61% @ 824M, >62% @ 3G, >65% @ 1710M

Material Info

Reference - Drawing Numbers

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

EU ELV
Not Reviewed

EU RoHS
Not Reviewed

China RoHS

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

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	Not Reviewed
ELV	Not Reviewed

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146185 Series