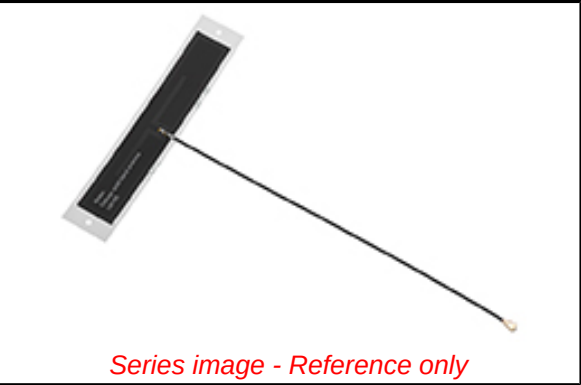


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1461850300](#)
Status: **Active**
Overview: [Standard Antennas](#)
Description: Multi-band Cellular/WiFi Combo Flex Antenna, 15.00mm Width, Cable Length 300.00mm



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 889056549707

Physical
Cable Length 300.00mm
Depth 0.10mm
Length 84.00mm
Mounting Style Adhesive
Net Weight 1.253/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) 1.1 @ 824M, 2.6 @ 1710M, 3.0 @ 3G
Return Loss - S11 (dB) < -4, < -6
Total Efficiency >56% @ 3G, >59% @ 824M, >61% @ 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 **China RoHS**
Not Reviewed
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

Search Parts in this Series
[146185](#) Series