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Part Number: **1461850150**
Status: **Active**
Overview: Standard Antennas
Description: Multi-band Cellular/WiFi Combo Flex Antenna, 15.00mm Width, Cable Length 150.00mm

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	889056549677

Physical

Cable Length	150.00mm
Depth	0.10mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	0.803/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	15.00mm

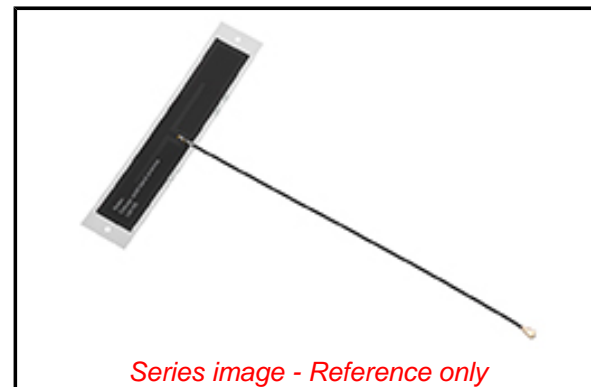
Electrical

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)	1.4 @ 824M, 3.0 @ 1710M, 3.7 @ 3G
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>62% @ 824M, >66% @ 3G, >67% @ 1710M

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

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
ELV

Green Image
Not Relevant

Search Parts in this Series

[146185 Series](#)