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Part Number: **1461850300**
Status: **Active**
Overview: Antennas
Description: Cellular Quad-band Flex Antenna, 15.00mm Width, Cable Length 300.00mm

Documents:

3D Model	Application Specification AS-146185-100-001 (PDF)
Drawing (PDF)	Packaging Specification 1461850100-000 (PDF)
Product Specification PS-146185-100-001 (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	<u>Antennas</u>
Product Name	Multi-band Cellular-Wi-Fi
Protocol	Cellular
Type	Cellular Antenna
UPC	889056549707

Physical

Cable Length	300.00mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	1.253/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.00mm

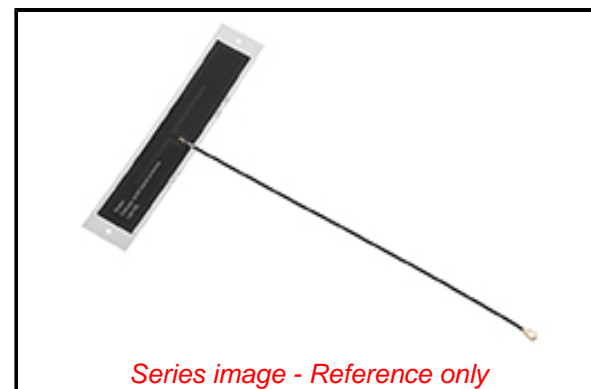
Electrical

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
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-146185-100-001
Packaging Specification	1461850100-000
Product Specification	PS-146185-100-001
Sales Drawing	SD-146185-050-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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146185 Series