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Part Number: [1461850100](#)
Status: **Active**
Overview: [Antennas](#)
Description: Cellular Quad-band Flex Antenna, 15.00mm Width, Cable Length 100.00mm

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 \(PDF\)](#)

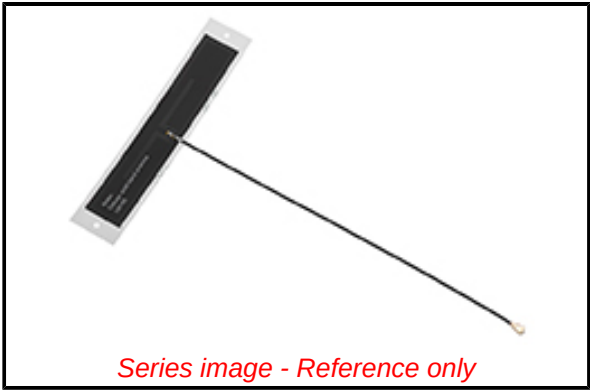
General
Product Family Antennas
Series [146185](#)
Component Type Stand Alone Antenna with Cable
Mates With [73412-0110](#) Microcoaxial RF, 50 Ohm
Overview [Antennas](#)
Product Name Multi-band Cellular-Wi-Fi
Protocol Cellular
Type Cellular Antenna
UPC 889056549660

Physical
Cable Length 100.00mm
Length 84.00mm
Mounting Style Adhesive
Net Weight 0.653/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) 1.5 @ 824M, 3.2 @ 1710M, 4.0 @ 3G
Return Loss - S11 (dB) < -4, < -6
Total Efficiency >64% @ 824M, >70% @ 1710M, >70% @ 3G

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



EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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