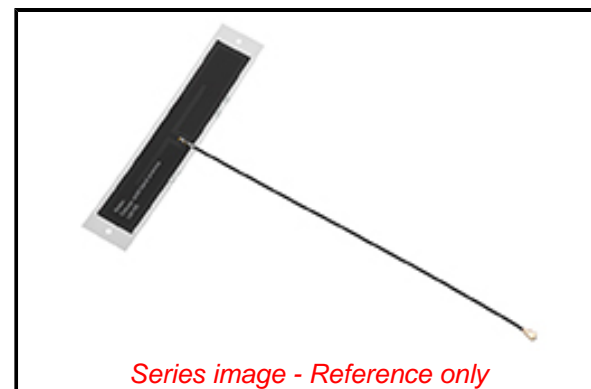


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **1461850200**
Status: **Active**
Overview: LTE Cellular Antennas
Description: Cellular Quad-band Flex Antenna, 15.00mm Width, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification AS-146185-100-001 (PDF)
3D Model (PDF)	Packaging Specification 1461850100-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-146185-100-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	146185
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	LTE Cellular Antennas
Product Name	Multi-band Cellular-Wi-Fi
Protocol	Cellular
Taxonomy	Antennas
Type	Cellular Antenna
UPC	889056549684

Physical

Cable Length	200.00mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	1.268/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)	1.3 @ 824 MHz, 2.9 @ 1710 MHz, 3.5 @ 3 GHz
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>61% @ 824 MHz, >62% @ 3 GHz, >65% @ 1710 MHz

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

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

146185 Series

Mates With

734120110 Microcoaxial RF, 50 Ohm

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION