




**Part Number :** 1461850300  
**Product Description :** Cellular Quad-band Flex Antenna, 15.00mm Width, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors  
**Series Number :** 146185  
**Status :** New Business Not Supported  
**Product Category :** Antennas



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	New Business Not Supported
Category	Antennas
Series	146185
Description	Cellular Quad-band Flex Antenna, 15.00mm Width, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	LTE Cellular Antennas
Product Name	Multi-band Cellular-Wi-Fi
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	889056549707

## 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 @ 824 MHz, 2.6 @ 1710 MHz, 3.0 @ 3 GHz
Return Loss - S11 (dB)	< -4, < -6
Total Efficiency	>56% @ 3 GHz, >59% @ 824 MHz, >61% @ 1710 MHz

## Physical

Cable Length	300.00mm
Length	84.00mm
Mounting Style	Adhesive
Net Weight	1.561/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional

Thickness	0.10mm
Width	15.00mm

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