



Part Number : [2196521020](#)
Product Description : Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 100.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Series Number : [219611](#)
Status : Active
Product Category : [Antennas](#)



Documents & Resources

Drawings
[2196110100_sd.pdf](#)
[2196110100-001.pdf](#)

Specifications
[2196110100-000.pdf](#)
[2196110100-001.pdf](#)

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(2024)6225-DC (07 Nov 2024)
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	Active
Category	Antennas
Series	219611
Description	Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 100.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Wi-Fi 6E Low Gain Flex Antenna
Protocol	BLE, BT, Wi-Fi, Wireless Hart, Zigbee
Type	Internal, Wi-Fi Antenna
UPC	195842772618

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Band#3 F_End (MHz)	7125
Band#3 F_Start (MHz)	5925
Electrical Connectivity	Cable
Peak Gain (dBi)	2.5 @ 2.4 GHz, 3.4 @ 5 GHz, 3.8 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 2.4 GHz, >75% @ 5.9 GHz, >75% @ 5 GHz

Physical

Cable Length	100.00mm
Length	35.40mm

Mounting Style	Adhesive
Net Weight	0.600/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	15.40mm