

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2119969100](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: 5.8-8.5 GHz Flexible Automotive Antenna, 7.60mm Width, 100.00mm Cable Length, Compatible with MHF-1 Plug

Documents:

3D Model	Packaging Specification 2119969100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2119969100-000 (PDF)	

General

Product Family	Antennas
Series	211996
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	5.8-8.5GHz UWB Flexible
Protocol	UWB
Taxonomy	Antennas
Type	UWB Antenna
UPC	195842855731

Physical

Cable Length	100.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	0.440/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	7.60mm

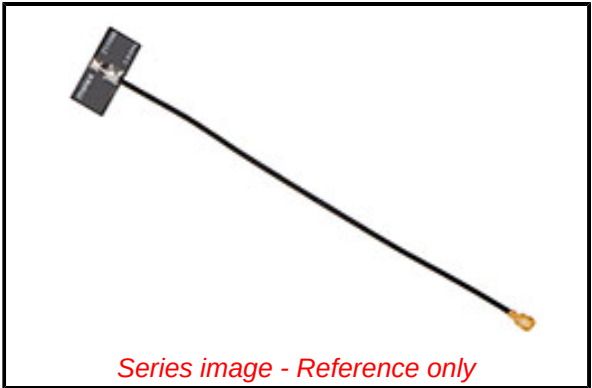
Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Band#2 F_End (MHz)	8000
Band#2 F_Start (MHz)	6000
Electrical Connectivity	Cable
Peak Gain (dBi)	5.5 @ 5800 MHz, 6.4 @ 6000 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>70% @ 6000 MHz, >75% @ 5800 MHz

Material Info

Reference - Drawing Numbers

Packaging Specification	2119969100-001
Product Specification	2119969100-000
Sales Drawing	2119969100-000



Series image - Reference only

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[211996](#) Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION