

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2119969250](#)  
**Status:** **Active**  
**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
**Description:** 5.8-8.5 GHz Flexible Automotive Antenna, 7.60mm Width, 250.00mm Cable Length, Compatible with MHF-1 Plug

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2119969100-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification 2119969100-001 (PDF)</a>	

**General**

Product Family	Antennas
Series	<a href="#">211996</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	5.8-8.5GHz UWB Flexible
Protocol	UWB
Taxonomy	Antennas
Type	UWB Antenna
UPC	195842855762

**Physical**

Cable Length	250.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	0.910/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	7.60mm

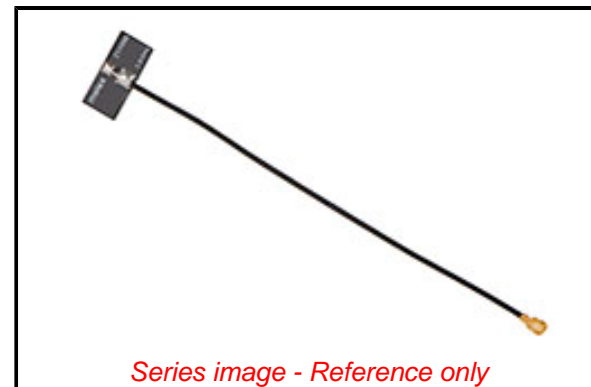
**Electrical**

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)	4.75 @ 5800 MHz, 5.35 @ 6000 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	55% @ 6000 MHz, >63% @ 5800 MHz

**Material Info**

**Reference - Drawing Numbers**

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



**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**

[211996 Series](#)