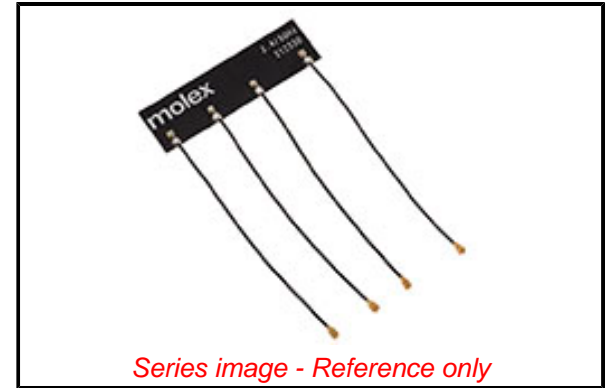


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2123309100**  
**Status:** **Active**  
**Overview:** Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee  
**Description:** Wi-Fi 6E Flex Cabled 4x4 MIMO Automotive Antenna, 100.00mm Cable Length, Compatible with MHF-1 Plug

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2123309100-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2123309100-000 (PDF)</a>	



**General**

Product Family	Antennas
Series	212330
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Flexible Antenna
Protocol	Wi-Fi
Taxonomy	Antennas
Type	Wi-Fi Antenna
UPC	195842855625

**Physical**

Cable Length	100.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	1.930/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	20.00mm

**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)	See Product Specification
Return Loss - S11 (dB)	(Port 1) < -10, (Port 2) < -10 < -9 < -5, (Port 3) < -10, (Port 4) < -10 < -5
Total Efficiency	See Product Specification

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	2123309100-001
Product Specification	2123309100-000
Sales Drawing	2123309100-000

**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**

[212330 Series](#)