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**Part Number:** [1461539050](#)  
**Status:** **Active**  
**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
**Description:** [Wi-Fi 6E Flex Cables Balanced Automotive Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with MHF-1 Plug](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 1461539100-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	<a href="#">146153</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	2.4/5GHz Balanced Flex Antenna
Protocol	Wi-Fi
Taxonomy	Antennas
Type	Wi-Fi Antenna
UPC	195842852976

**Physical**

Cable Length	50.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.380/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	9.00mm

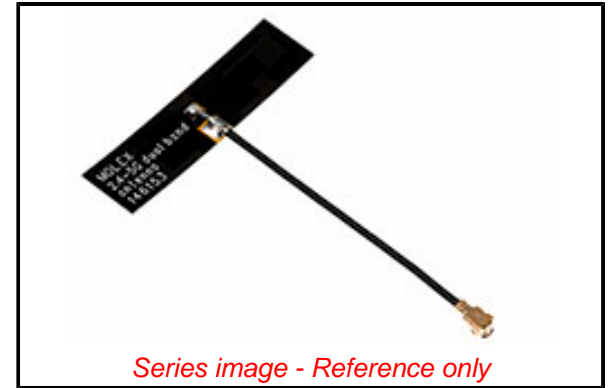
**Electrical**

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)	3.2 @ 2.4 GHz, 4.2 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 5925 MHz, >78% @ 2400 MHz, >79% @ 5150 MHz

**Material Info**

**Reference - Drawing Numbers**

Product Specification	1461539100-000
Sales Drawing	1461539100-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**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**

[146153 Series](#)