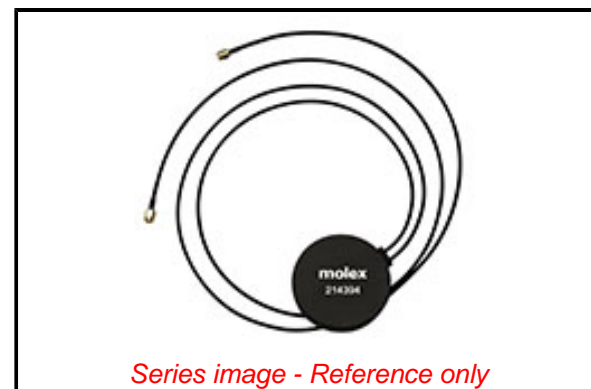


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**Part Number:** [2143941000](#)  
**Status:** **Active**  
**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
**Description:** 2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2143941000-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2143941000-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2143941000-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">214394</a>
Component Type	External Antenna
Function	Signal
Mates With	SMA Female Receptacle
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	Dual Band Wi-Fi MIMO Antenna
Protocol	Wi-Fi
Type	External Antenna
UPC	193264463039

**Physical**

Cable Length	1000.00mm
Length	N/A
Mounting Style	Adhesive
Net Weight	97.000/g
Outer Diameter	77.00mm
Packaging Type	Partitioned Carton
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Thickness	15.00mm
Width	N/A

**Electrical**

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	6000
Band#2 F_Start (MHz)	5000
Electrical Connectivity	Cable
Peak Gain (dBi)	2.5 @ 2.4G, 2.6 @ 5G (Port 1), 3.1 @ 2.4G, 3.4 @ 5G (Port 2)
Return Loss - S11 (dB)	< -10
Total Efficiency	>60%@2.4G, >45%@5G (Port 1), >70%@2.4G, >50%@5G (Port 2)

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2143941000-000
Packaging Specification	2143941000-001
Product Specification	2143941000-001
Sales Drawing	2143941000-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)

Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

50 Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214394 Series](#)

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