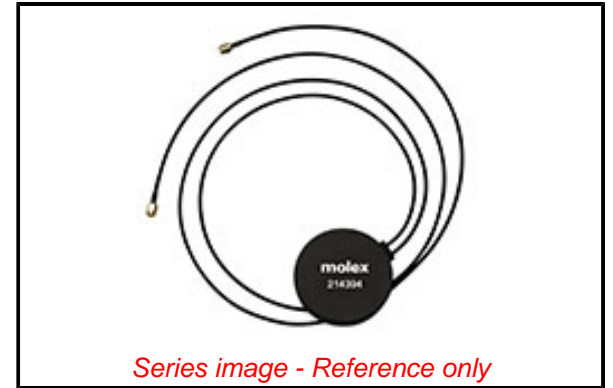


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

3D Model	Application Specification 2143941000-000 (PDF)
3D Model (PDF)	Packaging Specification 2143941000-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2143941000-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	214394
Component Type	External Antenna
Function	Signal
Mates With	SMA Female Receptacle
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
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(2020)4578-DC (25
June 2020)
lead

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[214394 Series](#)

This document was generated on 11/26/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION