



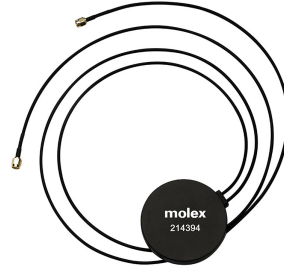
Part Number : 2143941000

Product Description : 2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors

Series Number : 214394

Status : New Business Not Supported

Product Category : Antennas



---

## Documents & Resources

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

---

## Part Details

### General

Status	New Business Not Supported
Category	Antennas
Series	214394
Description	2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors
Component Type	External Antenna
Function	Signal
Product Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	Dual Band Wi-Fi MIMO Antenna
Protocol	Wi-Fi
Type	External
UPC	193264463039

## 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)

## 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

---

This document was generated on Dec 11, 2023