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Part Number: [2143890001](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: 2.4GHz/ 5GHz Dual Band Wi-Fi High Gain External Antenna, with N-J Connector

Documents:

| | |
|--|--|
| 3D Model | Application Specification 2143890001-000 (PDF) |
| Drawing (PDF) | Packaging Specification 2143890001-001 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification 2143890001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 214389 |
| Component Type | External Antenna |
| Function | Signal |
| Mates With | N-K |
| Overview | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Name | Dual Band Wi-Fi High Gain |
| Protocol | Wi-Fi |
| Type | External Antenna |
| UPC | 193264430055 |

Physical

| | |
|-------------------------------|-----------------|
| Length | 274.70mm |
| Mounting Style | N/A |
| Net Weight | 143.485/g |
| Packaging Type | Tray |
| Radiation Pattern | Omnidirectional |
| Temperature Range - Operating | -40° to +85°C |
| Width | 22.80mm |

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 |
| Electrical Connectivity | Cable |
| Peak Gain (dBi) | 5.0 @ 2.4 GHz, 6.0 @ 5.15 GHz |
| Return Loss - S11 (dB) | < -10 |
| Total Efficiency | >80% @ 5.15 GHz, >85% @ 2.4 GHz |

Material Info

| | |
|--------------------|-------------|
| Engineering Number | 214989-0001 |
|--------------------|-------------|

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2143890001-000 |
| Packaging Specification | 2143890001-001 |
| Product Specification | 2143890001-001 |
| Sales Drawing | 2143890001-000 |

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

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

[214389 Series](#)