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Part Number: [2158720001](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: [Mini-Link Wi-Fi Tri-Band Antenna, 35.00mm Length, with SMA Male Connector](#)

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification 2158720001-001 (PDF) |
| Product Specification 2158720001-000 (PDF) | Datasheet (PDF) |
| Application Specification 2158720001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 215872 |
| Component Type | External Antenna |
| Function | Signal |
| Mates With | SMA Socket |
| Overview | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Name | Mini-Link Antenna |
| Protocol | BT, DSRC, Wi-Fi |
| Taxonomy | Antennas |
| Type | Wi-Fi Antenna |
| UPC | 193264759514 |

Physical

| | |
|-------------------------------|-----------------|
| Length | 35.00mm |
| Mounting Style | N/A |
| Net Weight | 3.930/g |
| Packaging Type | Tray |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Temperature Range - Operating | -40° to +85°C |
| Width | 8.00mm |

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 |
| Band#3 F_End (MHz) | 7125 |
| Band#3 F_Start (MHz) | 6000 |
| Peak Gain (dBi) | 3.4 @ 2.4 GHz, 4.5 @ 6 GHz, 6.0 @ 5 GHz |
| Return Loss - S11 (dB) | < -10, < -3, < -5 |
| Total Efficiency | >45% @ 6 GHz, >60% @ 5 GHz, >60% @ 2.4 GHz |

Material Info

| | |
|--------------------|-------------|
| Engineering Number | 215872-0101 |
|--------------------|-------------|

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2158720001-001 |
| Packaging Specification | 2158720001-001 |
| Product Specification | 2158720001-000 |
| Sales Drawing | 2158720001-000 |



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)

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

[215872 Series](#)