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Part Number: **2143860001**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi/Bluetooth External Antenna, Compatible with U.FL / I-PEX MHF Connectors, Black

Documents:

| | |
|--|--|
| 3D Model | Application Specification 2143860001-000 (PDF) |
| Drawing (PDF) | Packaging Specification 2143860001-000 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 2143860001-001 (PDF) | |



General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 214386 |
| Component Type | External Antenna |
| Function | Signal |
| Mates With | I-PEX MHF I Receptacle |
| Overview | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Name | 2.4/5GHz Wi-Fi/BT Antenna |
| Protocol | BT, Wi-Fi |
| Type | External Antenna |
| UPC | 193264430079 |

Physical

| | |
|-------------------|-----------------|
| Length | 104.00mm |
| Mounting Style | N/A |
| Net Weight | 6.000/g |
| Packaging Type | PET Bag |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Width | 9.35mm |

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) | 3.3 @ 2.4 GHz, 5.2 @ 2.4 GHz |
| Return Loss - S11 (dB) | < -10 |
| Total Efficiency | >65% @ 5 GHz, >80% @ 2.4 GHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2143860001-000 |
| Packaging Specification | 2143860001-000 |
| Product Specification | 2143860001-001 |
| Sales Drawing | 2143860001-000 |

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

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214386 Series

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