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Part Number: [2161960001](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: Lora 868MHz High-Band External Antenna, 196.00mm Length, with SMA (M) Connector

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification 2161960001-001 (PDF) |
| Product Specification 2161960001-001 (PDF) | Datasheet (PDF) |
| Application Specification 2161960001-000 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 216196 |
| Component Type | External Antenna |
| Function | Signal |
| Overview | Industrial, Scientific and Medical (ISM) Antennas |
| Product Name | LoRa High Band Antenna |
| Protocol | LoRa |
| Type | ISM Antenna |
| UPC | 193264719990 |

Physical

| | |
|-------------------------------|-----------------|
| Length | 196.00mm |
| Mounting Style | N/A |
| Net Weight | 23.500/g |
| Packaging Type | PET Bag |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Temperature Range - Operating | -40° to +85°C |
| Width | 13.00mm |

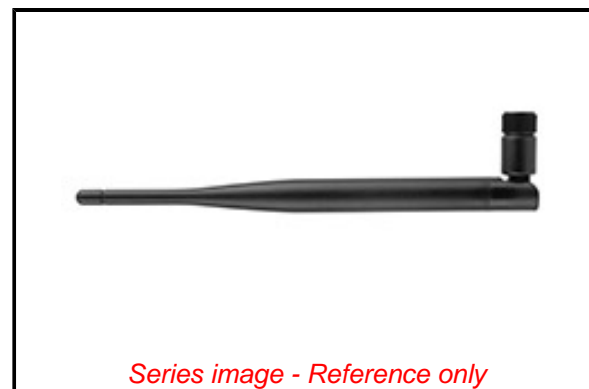
Electrical

| | |
|------------------------|----------------|
| Band#1 F_End (MHz) | 876 |
| Band#1 F_Start (MHz) | 856 |
| Peak Gain (dBi) | 2.5 @ 868 MHz |
| Return Loss - S11 (dB) | <-11 |
| Total Efficiency | >75% @ 868 MHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2161960001-000 |
| Packaging Specification | 2161960001-001 |
| Product Specification | 2161960001-001 |
| Sales Drawing | 2161960001-000 |



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)

lead
octamethylcyclotetrasiloxane

Halogen-Free

Status

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

216196 Series