



Part Number : [2161960001](#)

Product Description : LoRa 868MHz High-Band External Antenna, 196.00mm Length, with SMA Male Connector

Series Number : [216196](#)

Status : Active

Product Category : [Antennas](#)



---

## Documents & Resources

### Drawings

[Drawing 2161960001\\_sd.pdf](#)

[Packaging Design Drawing 2161960001-001.pdf](#)

### Specifications

[Application Specification 2161960001-000.pdf](#)

[Product Specification 2161960001-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)4144-DC (27 June 2024)
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	Active
Category	Antennas
Series	216196
Description	LoRa 868MHz High-Band External Antenna, 196.00mm Length, with SMA Male Connector
Component Type	External Antenna
Function	Signal
Product Family	Industrial, Scientific and Medical (ISM) Antennas
Product Name	LoRa High Band Antenna
Protocol	LoRa
Type	External, ISM Antenna
UPC	193264719990

### 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

### 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
-------	---------

---

This document was generated on Sep 23, 2024