



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

[2161960001_sd.pdf](#)
[2161960001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2161960001-000.pdf](#)
[2161960001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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

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