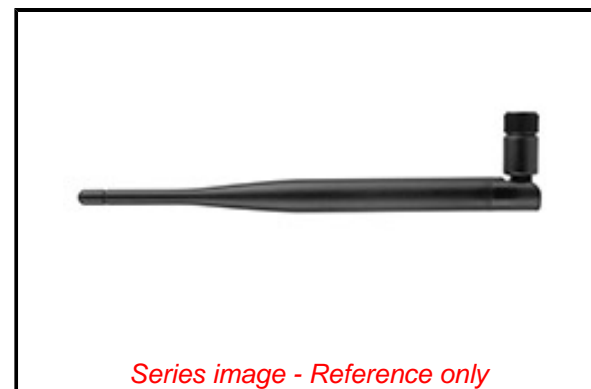


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Part Number: [2161960001](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: Lora 868MHz High-Band External Antenna, 196.00mm Length, with SMA (M) Connector

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)9139-DC (19
Jan 2021)

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](#)