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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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2161960001-001 (PDF)</a>
<a href="#">Product Specification 2161960001-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 2161960001-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	<a href="#">216196</a>
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

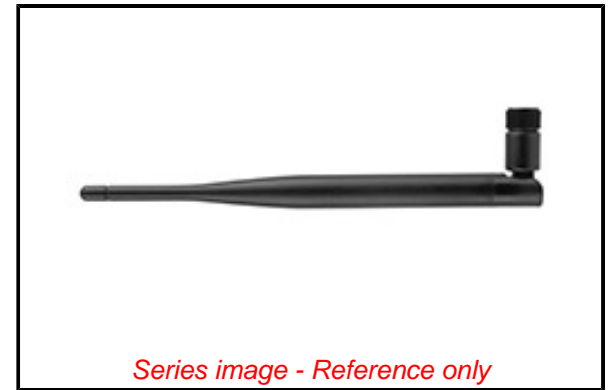
**Electrical**

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(2021)4569-DC (8 July 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](#)