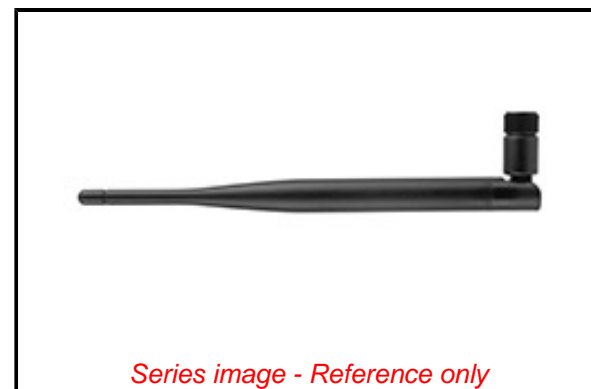


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2161960011](#)  
**Status:** **Active**  
**Overview:** Industrial, Scientific and Medical (ISM) Antennas  
**Description:** Lora 915MHz High-Band External Antenna, 196.00mm Length, with Reverse Polar SMA Male 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
Taxonomy	Antennas
Type	ISM Antenna
UPC	193264724031

**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)	925
Band#1 F_Start (MHz)	905
Peak Gain (dBi)	1.7 @ 915 MHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>70% @ 915 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(2022)4187-DC (10  
June 2022)

Lead

**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](#)

**Mates With**

Reverse Polar SMA Female Receptacle