

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

**Part Number:** **2111400100**  
**Status:** **Active**  
**Overview:** Industrial, Scientific and Medical (ISM) Antennas  
**Description:** ISM 868/915MHz Flexible Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2111400100-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2111400100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2111400100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	211140
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 868/915 MHz Stand Alone
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Taxonomy	Antennas
Type	Internal, ISM Antenna, LPWAN
UPC	191130157419

**Physical**

Cable Length	100.00mm
Length	38.00mm
Mounting Style	Adhesive
Net Weight	0.626/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	10.00mm

**Electrical**

Band#1 F_End (MHz)	870
Band#1 F_Start (MHz)	868
Band#2 F_End (MHz)	928
Band#2 F_Start (MHz)	902
Electrical Connectivity	Cable
Peak Gain (dBi)	0.3 @ 868 MHz, 1.0 @ 902 MHz
Return Loss - S11 (dB)	< -5
Total Efficiency	>55% @ 868 MHz, >60% @ 902 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2111400100-000
Packaging Specification	2111400100-001
Product Specification	2111400100-001
Sales Drawing	2111400100-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
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**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

211140 Series

**Mates With**

734120110 Microcoaxial RF, 50 Ohm