

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:

3D Model	Application Specification 2111400100-000 (PDF)
3D Model (PDF)	Packaging Specification 2111400100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2111400100-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	211140
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 868/915 MHz Stand Alone
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Type	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 -
D(2020)9139-DC (19
Jan 2021)

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](#)