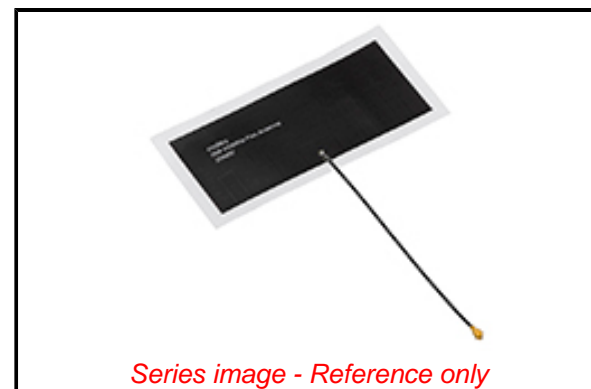


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2042870100**  
**Status:** **Active**  
**Overview:** Industrial, Scientific and Medical (ISM) Antennas  
**Description:** ISM 433MHz Flex Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2042870100-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2042870100-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2042870100-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	204287
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 433MHz Flex Antenna
Protocol	LoRa
Type	ISM Antenna
UPC	191128411370

**Physical**

Cable Length	100.00mm
Length	90.00mm
Mounting Style	Adhesive
Net Weight	1.395/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	40.00mm

**Electrical**

Electrical Connectivity	Cable
Frequency	433 MHz
Peak Gain (dBi)	0.7
Return Loss - S11 (dB)	< -10
Total Efficiency	>55%

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2042870100-AS
Packaging Specification	2042870100-PK
Product Specification	2042870100-PS
Sales Drawing	2042870100-SD

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[204287 Series](#)