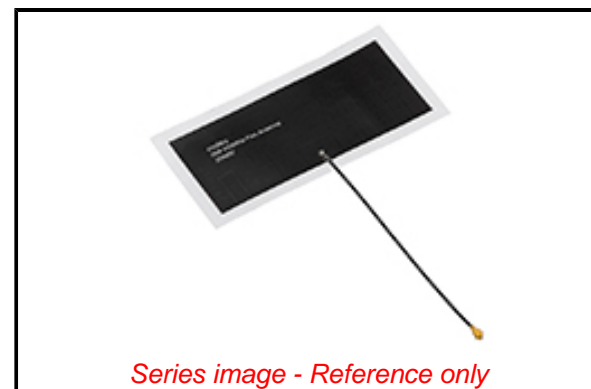


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2042870050](#)  
**Status:** **Active**  
**Overview:** Industrial, Scientific and Medical (ISM) Antennas  
**Description:** ISM 433MHz Flex Antenna, 50.00mm 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	<a href="#">204287</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<a href="#">734120110</a> Microcoaxial RF, 50 Ohm
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 433MHz Flex Antenna
Protocol	LoRa
Type	ISM Antenna
UPC	191128411363

**Physical**

Cable Length	50.00mm
Length	90.00mm
Mounting Style	Adhesive
Net Weight	1.243/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)	0.8
Return Loss - S11 (dB)	< -10
Total Efficiency	>56%

**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