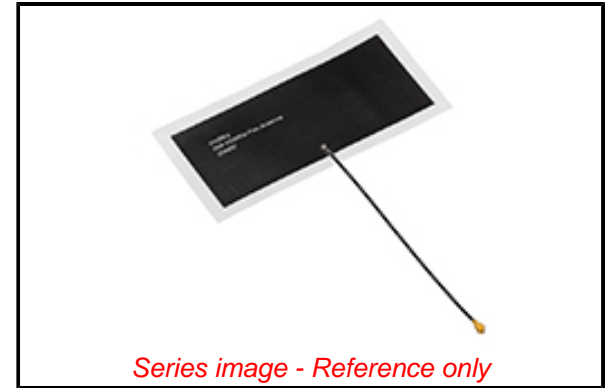


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2042870150**
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: ISM 433MHz Flex Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|---|---|
| 3D Model | Application Specification 2042870100-AS (PDF) |
| Drawing (PDF) | Packaging Specification 2042870100-PK (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification 2042870100-PS (PDF) | RoHS Certificate of Compliance (PDF) |



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 | 191128411387 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 150.00mm |
| Length | 90.00mm |
| Mounting Style | Adhesive |
| Net Weight | 1.561/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) | 0.6 |
| Return Loss - S11 (dB) | < -10 |
| Total Efficiency | >54% |

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