

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1052620001](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: ISM 868/915MHz Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|---|--|
| Drawing (PDF) | Application Specification AS-105262-0001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-105262-001-001 (PDF) |
| HFSS Model | Datasheet (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-105262-001-001 (PDF) | |

General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 105262 |
| 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 | 887191106519 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 100.00mm |
| Length | 79.00mm |
| Mounting Style | Adhesive |
| Net Weight | 0.640/g |
| Packaging Type | Tray |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.10mm |
| Width | 10.00mm |

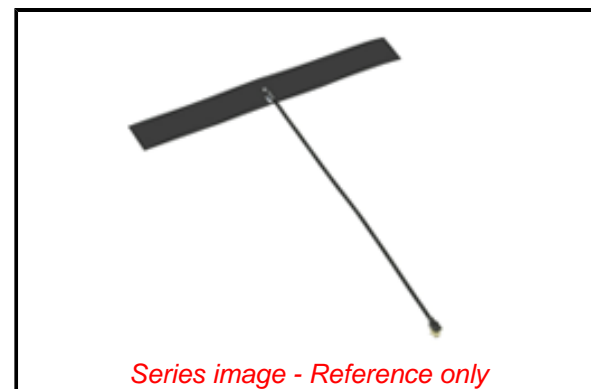
Electrical

| | |
|-------------------------|--|
| Band#1 F_End (MHz) | 870 |
| Band#1 F_Start (MHz) | 863 |
| Band#2 F_End (MHz) | 928 |
| Band#2 F_Start (MHz) | 902 |
| Electrical Connectivity | Cable |
| Peak Gain (dBi) | 0.4 @ 868 MHz, 1.4 @ 915 MHz |
| Return Loss - S11 (dB) | < -11, < -13 |
| Total Efficiency | > -1.8dB @ 915 MHz, > -3.0dB @ 868 MHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------|
| Application Specification | AS-105262-0001-001 |
| Packaging Specification | PK-105262-001-001 |
| Product Specification | PS-105262-001-001 |
| Sales Drawing | SD-105262-001-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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

[105262](#) Series