

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-105262-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-105262-001-001 (PDF)</a>
<a href="#">HFSS Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-105262-001-001 (PDF)</a>	

**General**

Product Family	Antennas
Series	<a href="#">105262</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<a href="#">734120110</a> Microcoaxial RF, 50 Ohm
Overview	<a href="#">Industrial, Scientific and Medical (ISM) Antennas</a>
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

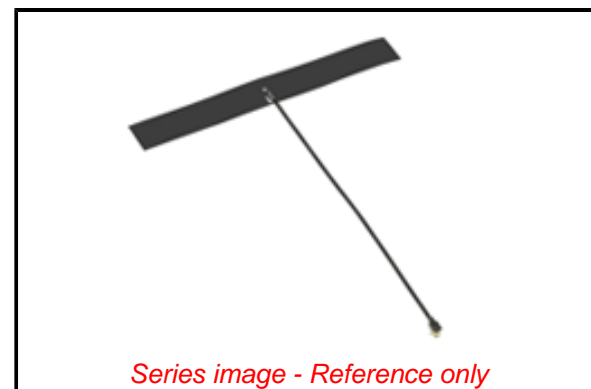
**Electrical**

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