



**Part Number :** [1052620002](#)

**Product Description :** ISM 868/915MHz Antenna,  
150.00mm Cable Length, Compatible with U.FL / I-PEX  
MHF Connectors

**Series Number :** 105262

**Status :** Active

**Product Category :** Antennas

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## Documents and Resources

### Drawings

[1052620002\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-105262-0001-001.pdf](#)


[PK-105262-001-001.pdf](#)

[PS-105262-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:e26ed824-ff27-460b-82c9-2fc97ea22ab7
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Antennas
Series	105262
Description	ISM 868/915MHz Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	ISM 868/915 MHz Stand Alone
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Type	Internal, ISM Antenna, LPWAN
UPC	887191106540

### 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)	0.3 @ 868 MHz, 1.3 @ 915 MHz
Return Loss - S11 (dB)	< -6
Total Efficiency	> -1.9dB @ 915 MHz, > -3.1dB @ 868 MHz

## Physical

Cable Length	150.00mm
Length	79.00mm
Mounting Style	Adhesive
Net Weight	0.755/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	10.00mm

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MCRF Jack, Straight, PCB Receptacle, Surface Mount, 1.25mm Mounted Height, 50 Ohms	<u><a href="#">734120110</a></u>

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