



**Part Number :** [1052620003](#)  
**Product Description :** ISM 868/915MHz  
Antenna, 200.00mm Cable Length,  
Compatible with U.FL / I-PEX MHF Connectors  
**Series Number :** 105262  
**Status :** Active  
**Product Category :** Antennas



## Documents & Resources

**Drawings**  
[Drawing 1052620003\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 1052620003\\_stp.zip](#)  
[3D Model PDF 1052620003.pdf](#)

**Specifications**  
[Application Specification AS-105262-0001-001.pdf](#)  
[Packaging Specification PK-105262-001-001.pdf](#)  
[Product Specification PS-105262-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents  
- IPC 1752A Class C

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Antennas
Series	105262
Description	ISM 868/915MHz Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM 868/915 MHz Stand Alone
Protocol	LoRa, Neul, SigFox, Z-Wave, Zigbee
Type	Internal, ISM Antenna, LPWAN
UPC	887191106564

#### 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)	0.2 @ 868 MHz, 1.2 @ 915 MHz
Return Loss - S11 (dB)	< -6
Total Efficiency	> -2.0dB @ 915 MHz, > -3.2dB @ 868 MHz

#### Physical

Cable Length	200.00mm
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Length	79.00mm
Mounting Style	Adhesive
Net Weight	0.929/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
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	<u>0734120110</u>

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