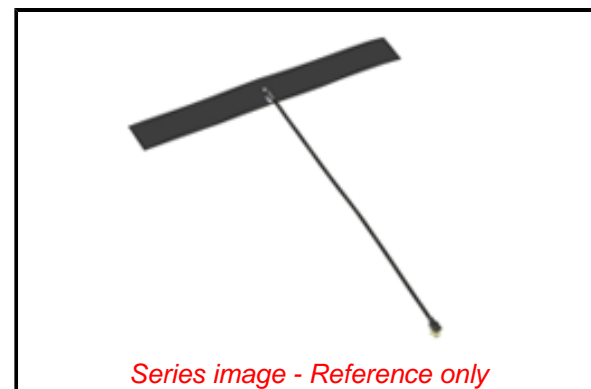


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1052620003](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: ISM 868/915MHz Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification AS-105262-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-105262-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-105262-001-001 (PDF)	RoHS Certificate of Compliance (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	887191106564

Physical

Cable Length	200.00mm
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

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)	< -11, < -13
Total Efficiency	> -2.0dB @ 915 MHz, > -3.2dB @ 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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 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](#)