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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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[105262](#) Series