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Part Number: [2144140001](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: ISM/DSRC Hinged External Antenna, with SMA Male Connector, Black

Documents:

3D Model	Application Specification 2144140001-AS (PDF)
Drawing (PDF)	Packaging Specification 2128600001-PK1 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2144140001-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	214414
Component Type	External Antenna
Function	Signal
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM/DSRC Hinged Antenna
Protocol	DSRC, ISM
Taxonomy	Antennas
Type	External Antenna
UPC	193264434770

Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	9.250/g
Packaging Type	Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Width	9.35mm

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Electrical Connectivity	Cable
Peak Gain (dBi)	3.9 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 5 GHz

Material Info

Engineering Number	214414-001
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Reference - Drawing Numbers

Application Specification	2144140001-AS
Packaging Specification	2128600001-PK1
Product Specification	2144140001-PS
Sales Drawing	2144140001-SD

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)

Lead

Halogen-Free

Status

Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[214414 Series](#)

Mates With

SMA Jack Receptacle