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Part Number: 2123300200
Status: Active
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz MIMO 4x4 Flexible Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:

3D Model	Application Specification 2123300100-000 (PDF)
3D Model (PDF)	Packaging Specification 2123300100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2123300100-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	212330
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Type	Wi-Fi Antenna
UPC	193264251049

Physical

Cable Length	200.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	3.575/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm

Electrical

Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Peak Gain (dBi)	0.1 @ 2.4G, 4.3 @ 5G (Port 3), 1.0 @ 2.4G, 2.9 @ 5G (Port 2), 1.6 @ 2.4G, 2.3 @ 5G (Port 1), 3.2 @ 2.4G, 3.9 @ 5G (Port 4)
Return Loss - S11 (dB)	< -5 < -10 (Port 1), < -5 < -10 (Port 4), < -5 < -9 (Port 2), < -5 < -9 (Port 3)
Total Efficiency	>40%@2.4GHz,>50%@5GHz (Port 3), >45%@2.4GHz,>45%@5GHz (Port 2), >50%@2.4GHz,>45%@5GHz (Port 1), >65%@2.4GHz,>45%@5GHz (Port 4)

Material Info

Reference - Drawing Numbers

Application Specification	2123300100-000
Packaging Specification	2123300100-001
Product Specification	2123300100-001

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 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
212330 Series

Sales Drawing 2123300100-000

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