

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2123300100**

Status: **Active**

Overview:

Description: Wi-Fi 6E Flex Cabled 4x4 MIMO Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

General

Product Family	Antennas
Series	<u>212330</u>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<u>734120110</u> Microcoaxial RF, 50 Ohm
Overview	wifi_and_bluetooth_antennas
Product Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Type	Wi-Fi Antenna
UPC	193264251025

Physical

Cable Length	100.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	2.365/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)	2.4 @ 2.4G, 3.3 @ 5G (Port 1), 2.6 @ 2.4G, 2.3 @ 5G (Port 2), 3.0 @ 2.4G, 3.4 @ 5G (Port 3), 3.5 @ 2.4G, 3.9 @ 5G (Port 4)
Return Loss - S11 (dB)	< -10 (Port 1), < -10 (Port 3), < -10 (Port 4), < -10 < -9 (Port 2)
Total Efficiency	>50%@2.4GHz,>70%@5GHz (Port 3), >55%@2.4GHz,>65%@5GHz (Port 2), >55%@2.4GHz,>65%@5GHz (Port 4), >55%@2.4GHz,>70%@5GHz (Port 1)

Material Info

Reference - Drawing Numbers

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

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

212330 Series