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Part Number: **0479501001**
Status: **Active**
Overview: Standard Antennas
Description: 2.4GHz / 5GHz Wi-Fi* Stand Alone Antenna, 9.00mm Width, Cable Length 150.00mm

Documents:

3D Model	Packaging Specification PK-47950-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-47950-001-001 (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	47950
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Standard Antennas
Product Literature Order No	987650-5892
Product Name	2.4 GHz SMD Stand Alone
Type	Wi-Fi* Antenna
UPC	884982680883

Physical

Cable Length	150.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.800/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	9.00mm

Electrical

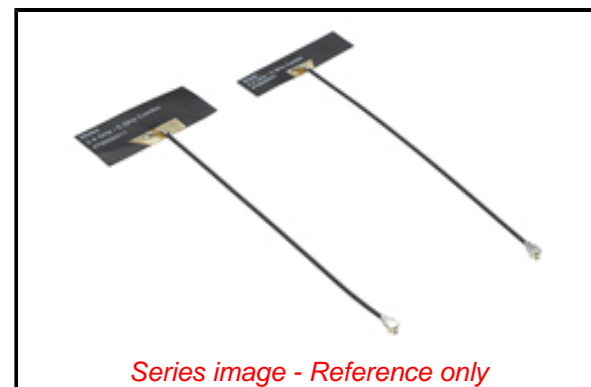
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5900
Band#2 F_Start (MHz)	4800
Electrical Connectivity	Cable
Impedance	50Ω
Number of Bands	2
Peak Gain (dBi)	2.7 @ 4.8G, 3.0 @ 2.4G, 3.7 @ 5G
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>60% @ 4.8G, >70% @ 5G, >75% @ 2.4G

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47950-001-001
Product Specification	PS-47950-001-001
Sales Drawing	SD-47950-001-001

*Wi-Fi is a registered trademark of the Wi-Fi Alliance



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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47950 Series

Mouser Electronics

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