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**Part Number:** [2069940100](#)

**Status:** **Active**

**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)

**Description:** Wi-Fi 6E Flex Cabled Side-Fed Antenna, 6.40mm Width, 15.40mm Cable Length, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2069940100-AS (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2069940100-PK (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2069940100-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">206994</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<a href="#">734120110 Microcoaxial RF, 50 Ohm</a>
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Type	Wi-Fi Antenna
UPC	191128861236

**Physical**

Cable Length	100.00mm
Length	15.40mm
Mounting Style	Adhesive
Net Weight	0.571/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.15mm
Width	6.40mm

**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)	3.6 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @2.4 GHz, >70% @ 5 GHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2069940100-AS
Packaging Specification	2069940100-PK
Product Specification	2069940100-PS
Sales Drawing	2069940100-SD

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[206994 Series](#)