

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2119969300

Status:

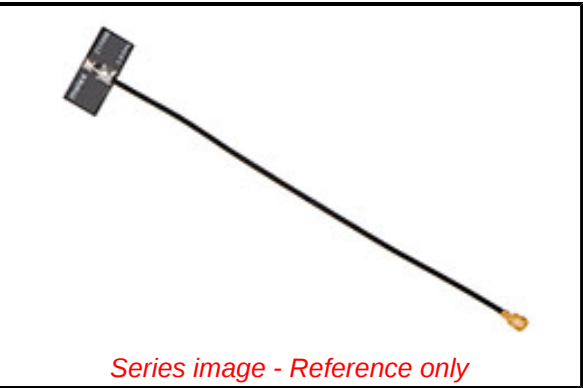
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

5.8-8.5 GHz Flexible Automotive Antenna, 7.60mm Width, 300.00mm Cable Length, Compatible with MHF-1 Plug



Documents:

[Drawing \(PDF\)](#)

[Product Specification 2119969100-000 \(PDF\)](#)

[Packaging Specification 2119969100-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Antennas
Series	211996
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	5.8-8.5GHz UWB Flexible
Protocol	UWB
Taxonomy	Antennas
Type	UWB Antenna
UPC	195842855779
Physical	
Cable Length	300.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	1.060/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	7.60mm
Electrical	
Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Band#2 F_End (MHz)	8000
Band#2 F_Start (MHz)	6000
Electrical Connectivity	Cable
Peak Gain (dBi)	4.5 @ 5800 MHz, 5.0 @ 6000 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	50% @ 6000 MHz, >59% @ 5800 MHz
Material Info	
Reference - Drawing Numbers	
Packaging Specification	2119969100-001
Product Specification	2119969100-000
Sales Drawing	2119969100-000

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

211996 Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION