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Part Number:

1461860100

Status:

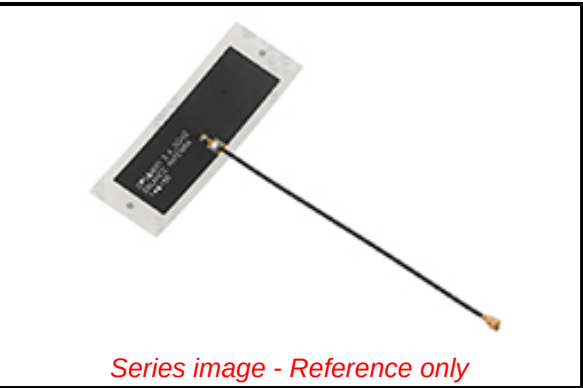
Active

Overview:

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

Description:

Wi-Fi 6E+GNSS Flex Cabled Balanced Antenna, 18.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:	
3D Model	Application Specification AS-146186-100-001 (PDF)
Drawing (PDF)	Packaging Specification 1461860100-000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-146186-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	146186
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 GPS-Wi-Fi Antenna
Protocol	BeiDou, BLE, BT, Galileo, GLONASS, GPS, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Combo Wi-Fi/GNSS Antenna
UPC	889056433518
Physical	
Cable Length	100.00mm
Length	53.00mm
Mounting Style	Adhesive
Net Weight	0.894/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	18.00mm
Electrical	
Band#1 F_End (MHz)	1602
Band#1 F_Start (MHz)	1575.42
Band#2 F_End (MHz)	2483.5
Band#2 F_Start (MHz)	2400
Band#3 F_End (MHz)	5850
Band#3 F_Start (MHz)	5150
Band#4 F_End (MHz)	6000
Band#4 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	3.0 @ 1575 MHz, 3.0 @ 2.4 GHz, 4.0 @ 5 GHz, 4.7 @ 3 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 1575 MHz, >70% @ 5 GHz, >75% @ 2.4 GHz, >80% @ 3 GHz
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-146186-100-001
Packaging Specification	1461860100-000

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

146186 Series

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