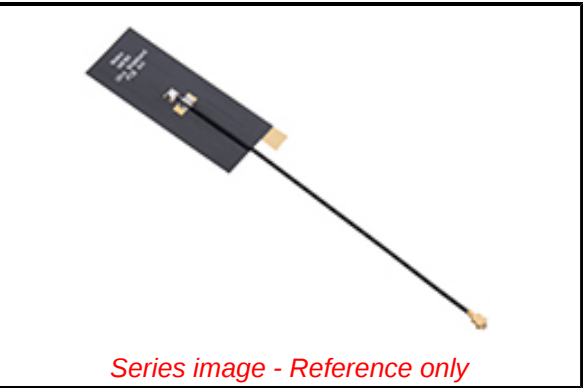


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Part Number: [1461840250](#)
Status: **Active**
Overview: [Ultra-Wideband \(UWB\) PCB Antenna with Balanced Transmission](#)
Description: Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 250.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:	
3D Model	Application Specification AS-146184-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-146184-100-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-146184-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	146184
Component Type	PCB Antenna with Cable
Function	Signal
Mates With	Surface Mount Microcoaxial Jack 734120110
Overview	Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission
Product Name	Ultra Wideband PCB Antenna
Protocol	UWB
Type	UWB Antenna
UPC	889056591201
Physical	
Cable Length	250.00mm
Length	47.00mm
Mounting Style	Adhesive
Net Weight	1.700/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.31mm
Width	17.60mm
Electrical	
Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	3.8 @ 3 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>58% @ 3 GHz
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-146184-100-001
Packaging Specification	PK-146184-100-001
Product Specification	PS-146184-100-001
Sales Drawing	SD-146184-050-001

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

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