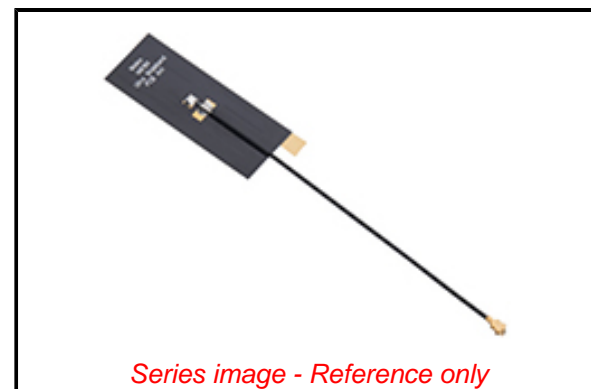


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1461840300](#)  
**Status:** **Active**  
**Overview:** Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission  
**Description:** Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-146184-100-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-146184-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-146184-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">146184</a>
Component Type	PCB Antenna with Cable
Function	Signal
Mates With	Surface Mount Microcoaxial Jack <a href="#">734120110</a>
Overview	<a href="#">Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission</a>
Product Name	Ultra Wideband PCB Antenna
Protocol	UWB
Type	UWB Antenna
UPC	889056591218

**Physical**

Cable Length	300.00mm
Length	47.00mm
Mounting Style	Adhesive
Net Weight	1.800/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)	3.5 @ 3 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>55% @ 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**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

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