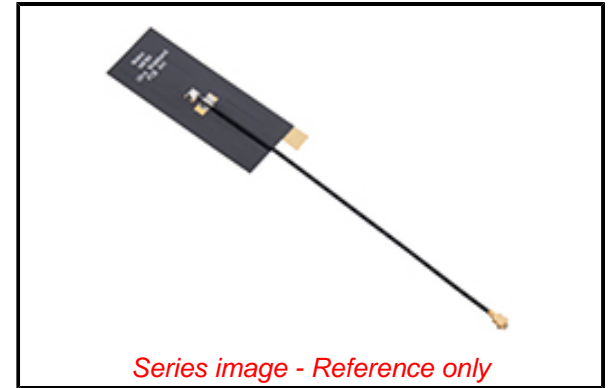


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1461840300](#)  
**Status:** **Active**  
**Overview:** Antennas  
**Description:** Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, Cable Length 300.00mm

**Documents:**

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



**General**

Product Family	Antennas
Series	<a href="#">146184</a>
Component Type	Stand Alone Antenna with Cable
Mates With	Surface Mount Micro-coaxial Jack <a href="#">73412-0110</a>
Overview	<u>Antennas</u>
Product Literature Order No	987651-4591
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	1.541/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 @ 3G
Return Loss - S11 (dB)	< -6
Total Efficiency	>55% @ 3G

**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 - ED/61/2018 (27 June 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[146184 Series](#)