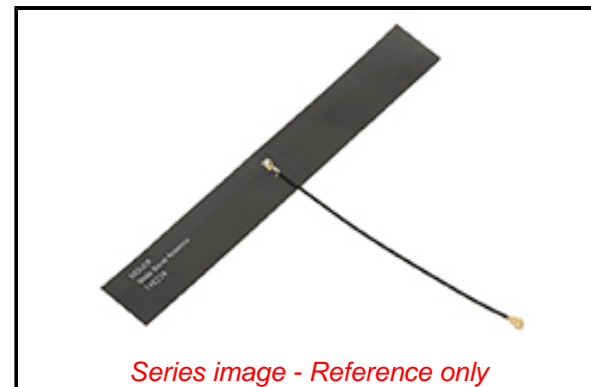


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1462340100](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 698MHz-6GHz Wide Band Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 1462340100-AS (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 1462340100-PK (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1462340100-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">146234</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<a href="#">734120110</a> Microcoaxial RF, 50 Ohm
Overview	<a href="#">LTE Cellular Antennas</a>
Product Name	698MHz-6GHz Wide Band Antenna
Protocol	Cellular
Type	Cellular Antenna
UPC	191128461665

**Physical**

Cable Length	100.00mm
Length	140.00mm
Mounting Style	Adhesive
Net Weight	1.300/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm

**Electrical**

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2700
Band#2 F_Start (MHz)	1500
Band#3 F_End (MHz)	6000
Band#3 F_Start (MHz)	2700
Electrical Connectivity	Cable
Peak Gain (dBi)	1.8 @ 698 MHz, 2.8 @ 1500 MHz, 5.0 @ 2.7 GHz
Return Loss - S11 (dB)	< -4, < -5
Total Efficiency	>70%

**Material Info**

**Reference - Drawing Numbers**

Application Specification	1462340100-AS
Packaging Specification	1462340100-PK
Product Specification	1462340100-PS
Sales Drawing	1462340100-SD

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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

**Search Parts in this Series**

[146234](#) Series

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