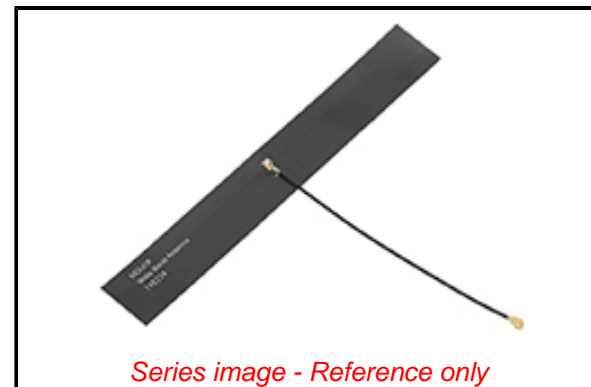


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

3D Model	Application Specification 1462340100-AS (PDF)
Drawing (PDF)	Packaging Specification 1462340100-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 1462340100-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	146234
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	LTE Cellular Antennas
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(2021)4569-DC (8
July 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

Search Parts in this Series

[146234](#) Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Antennas](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[GAN30084EU](#) [930-033-R](#) [GW17.07.0250E](#) [1513563-1](#) [EXE902SM](#) [APAMPG-117](#) [MAF94383](#) [W3908B0100](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [66089-2406](#) [SPDA17RP918](#) [W3006VP](#) [A09-F8NF-M](#) [A09-F5NF-M](#) [RGFRA1903041A1T](#) [W3593B0100](#) [W3921B0100](#) [SIMNA-868](#) [SIMNA-915](#) [SIMNA-433](#) [W1044](#) [W1049B090](#) [A75-001](#) [WTL2449CQ1-FRSMM](#) [CPL9C](#) [EXB148BN](#) [0600-00060](#) [TRA9020S3PBN-001](#) [GD5W-28P-NF](#) [MA9-7N](#) [GD53-25](#) [GD5W-21P-NF](#) [EXB144SM](#) [C37](#) [MAF94051](#) [GD35-17P-NF](#) [P1744](#) [MA9-5N](#) [EXD420PL](#) [B1322NR](#) [QWFTB120](#) [MAF94271](#) [MAF94300](#) [GPSMB301](#) [FG4403](#) [AO-AGSM-OM54](#) [5200232](#) [MIKROE-2349](#)