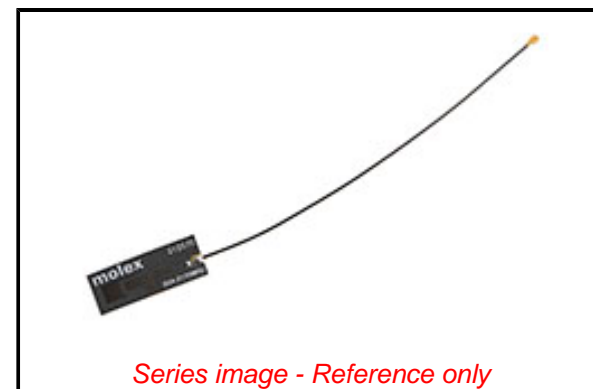


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2125700100**  
**Status:** **Active**  
**Overview:** LTE Cellular Antennas  
**Description:** 824MHz-2170MHz Side-Fed Cellular Flexible Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2125700100-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2125700100-001 (PDF)</a>
<a href="#">Product Specification 2125700100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



Series image - Reference only

**General**

Product Family	Antennas
Series	212570
Component Type	Flexible Antenna with Cable
Datasheet Order No	987651-7811
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	LTE Cellular Antennas
Product Name	Side-Fed Cellular Flexible
Protocol	Cellular
Type	Cellular Antenna
UPC	193264168675

**Physical**

Cable Length	100.00mm
Length	40.40mm
Mounting Style	Adhesive
Net Weight	0.744/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.40mm

**Electrical**

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	2170
Band#2 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	-0.45 @ 824 MHz, 1.76 @ 1710 MHz
Return Loss - S11 (dB)	< -3, < -4
Total Efficiency	>25% @ 824 MHz, >50% @ 1710 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2125700100-000
Packaging Specification	2125700100-001
Product Specification	2125700100-001
Sales Drawing	2125700100-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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**

212570 Series