

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

**Part Number:** [2135230001](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 698MHz-2.7GHz LTE Hinged External Antenna, with SMA Male Connector, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2135230001-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2135230001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2135230001-001 (PDF)</a>	



**General**

Product Family	Antennas
Series	<a href="#">213523</a>
Component Type	External Antenna
Function	Signal
Overview	<a href="#">LTE Cellular Antennas</a>
Product Name	LTE Cellular Antenna
Protocol	Cellular
Taxonomy	Antennas
Type	External Antenna
UPC	193264345298

**Physical**

Length	171.50mm
Mounting Style	N/A
Net Weight	14.143/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	19.40mm

**Electrical**

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2690
Band#2 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	2.3 @ 698 MHz, 4.8 @ 1710 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @ 698 MHz, >70% @ 1710 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2135230001-000
Packaging Specification	2135230001-001
Product Specification	2135230001-001
Sales Drawing	2135230001-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2022)4187-DC (10  
June 2022)

Lead

Octamethylcyclotetrasiloxane

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[213523 Series](#)

**Mates With**

SMA Female Receptacle