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**Part Number:** [2144290001](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 5GHz Compatible Hinged External Antenna, with SMA Male Connector, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2144290001-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2135230001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2144290001-001 (PDF)</a>	



**General**

Product Family	Antennas
Series	<a href="#">214429</a>
Component Type	External Antenna
Function	Signal
Mates With	SMA Female Receptacle
Overview	<a href="#">LTE Cellular Antennas</a>
Product Name	5G Cellular Antenna
Protocol	Cellular
Type	External Antenna
UPC	193264436071

**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
Band#3 F_End (MHz)	4200
Band#3 F_Start (MHz)	3300
Band#4 F_End (MHz)	5000
Band#4 F_Start (MHz)	4400
Electrical Connectivity	Cable
Peak Gain (dBi)	1.6 @ 698 MHz, 3.5 @ 4400 MHz, 3.6 @ 3300 MHz, 5.5 @ 1710 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @ 4400 MHz, >55% @ 698 MHz, >60% @ 3300 MHz, >70% @ 1710 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2144290001-000
Packaging Specification	2135230001-001
Product Specification	2144290001-001
Sales Drawing	2144290001-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with  
Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2020)9139-DC (19  
Jan 2021)  
lead

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

50 Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214429 Series](#)

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