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**Part Number:** [2144291001](#)  
**Status:** **Active**  
**Overview:** [LTE Cellular Antennas](#)  
**Description:** 5GHz Compatible Hinged External Antenna, with SMA Male Connector, White

**Documents:**  
[3D Model](#) [Application Specification 2144290001-000 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification 2135230001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 2144290001-001 \(PDF\)](#)

**General**  
Product Family Antennas  
Series [214429](#)  
Component Type External Antenna  
Function Signal  
Mates With SMA Female Receptacle  
Overview [LTE Cellular Antennas](#)  
Product Name 5G Cellular Antenna  
Protocol Cellular  
Taxonomy Antennas  
Type External Antenna  
UPC 193264436095

**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**

| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
|---------------------------------------------------------------|-------------------|
| <b>Compliant with Exemption 6(c)</b>                          |                   |
| <b>REACH SVHC</b>                                             |                   |
| Contained Per - D(2020)9139-DC (19 Jan 2021)                  |                   |
| Lead                                                          |                   |
| <b>Halogen-Free Status</b>                                    |                   |
| <b>Low-Halogen</b>                                            |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | 50 Image          |
| ELV                                                           | Not Relevant      |
| RoHS Phthalates                                               | Not Contained     |

**Search Parts in this Series**  
[214429 Series](#)

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