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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
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

EU RoHS **China 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 50 Image
ELV Not Relevant
RoHS Phthalates Not Contained

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

Mates With
SMA Female Receptacle

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