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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:

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	<u>214429</u>
Component Type	External Antenna
Function	Signal
Mates With	SMA Female Receptacle
Overview	<u>LTE Cellular Antennas</u>
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)4578-DC (25
June 2020)

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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