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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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