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Part Number: [2203550001](#)
Status: **Active**
Overview: [External Antennas](#)
Description: 5G and LTE Antenna Lite, Hinged with SMA Plug Male Connector, Black



Documents:
[Drawing \(PDF\)](#) [Packaging Specification 2203550001-001 \(PDF\)](#)
[Product Specification 2203550001-001 \(PDF\)](#) [Datasheet \(PDF\)](#)
[Application Specification 2203550001-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [220355](#)
Component Type External Antenna
Function Signal
Overview [External Antennas](#)
Product Name 5G and LTE Antenna Lite
Protocol Cellular
Taxonomy Antennas
Type External Antenna
UPC 195842888883

Physical
Length 129.70mm
Mounting Style N/A
Net Weight 12.920/g
Packaging Type PET Bag
Polarization Linear
Radiation Pattern Omnidirectional
Width 18.50mm

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) 4200
Electrical Connectivity SMA Plug Male Connector
Peak Gain (dBi) 1.0 @ 698 MHz, 3.5 @ 4200 MHz, 3.6 @ 3300 MHz, 4.5 @ 1710 MHz
Return Loss - S11 (dB) < -10, < -5
Total Efficiency >55% @ 698 MHz, >60% @ 3300 MHz, >65% @ 4200 MHz, >70% @ 1710 MHz

Material Info

Reference - Drawing Numbers
Application Specification 2203550001-000
Packaging Specification 2203550001-001
Product Specification 2203550001-001
Sales Drawing 2203550001-000

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)

Lead
2-Methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop

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

[220355 Series](#)

Mates With

SMA Jack Female Receptacle

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