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Part Number: [2203550011](#)
Status: **Active**
Overview: [External Antennas](#)
Description: 5G and LTE Antenna Lite, Hinged with Reverse Polar 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 | 195842888890 |

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 | RP-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

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

[220355 Series](#)

Mates With

Reverse Polar SMA Female Receptacle

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