



Part Number : [2144290011](#)

Product Description : 5GHz Compatible Hinged
External Antenna, with Reverse Polar SMA Male
Connector, Black

Series Number : 214429

Status : Obsolete

Product Category : Antennas



Documents & Resources

Product Environment Compliance

Compliance

| | |
|--------------------|--------------------|
| GADSL/IMDS | Product not active |
| China RoHS | Product not active |
| EU ELV | Product not active |
| Low-Halogen Status | Product not active |
| REACH SVHC | Product not active |
| EU RoHS | Product not active |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|---|
| Status | Obsolete |
| Category | Antennas |
| Series | 214429 |
| Description | 5GHz Compatible Hinged External Antenna, with Reverse Polar SMA Male Connector, Black |
| Component Type | External Antenna |
| Function | Signal |
| Product Name | 5G Cellular Antenna |
| Protocol | Cellular |
| Type | External |
| UPC | 193264436088 |

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 |

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 |

Mates With / Use With

Mates with Part(s)

| | |
|-------------|--|
| Description | Part Number |
| Mates With | Reverse Polar SMA Female Receptacle |