



Part Number : 2144290001

Series Number : 214429  
Product Category : Antennas

Product Description : 5GHz Compatible  
Hinged External Antenna, with SMA Male  
Connector, Black  
Status : Obsolete

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 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

|          |          |
|----------|----------|
| Status   | Obsolete |
| Category | Antennas |
| Series   | 214429   |

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| Description    | 5GHz Compatible Hinged External Antenna, with SMA Male Connector, Black |
| Component Type | External Antenna                                                        |
| Function       | Signal                                                                  |
| Product Family | LTE Cellular Antennas                                                   |
| Product Name   | 5G Cellular Antenna                                                     |
| Protocol       | Cellular                                                                |
| Type           | External                                                                |
| UPC            | 193264436071                                                            |

## 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         |

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