



Part Number : [2165891000](#)

Product Description : 5-in-1 5G/Wi-Fi/GPS Multi-Hub Antenna, 65.00mm Width, 1000.00mm Cables with SMA Male Connectors

Series Number : 216589

Status : Active

Product Category : Antennas

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## Documents & Resources

### Drawings

[Drawing 2165891000\\_sd.pdf](#)

[Packaging Design Drawing 2165891000-PK.pdf](#)

### Specifications


[Application Specification 2165891000-000.pdf](#)

[Product Specification 2165891000-PS.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; bis( $\alpha$ , $\alpha$ -dimethylbenzyl) peroxide; 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 7(c)-I; 6(c) per EU 2015/863

### 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

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## Part Details

### General

Status	Active
Category	Antennas
Series	216589
Description	5-in-1 5G/Wi-Fi/GPS Multi-Hub Antenna, 65.00mm Width, 1000.00mm Cables with SMA Male Connectors
Component Type	External Antenna
Function	Signal
Product Family	Combo Antennas
Product Name	5-in-1 External Antenna
Protocol	Cellular, GPS, Wi-Fi
Type	External
UPC	193264833405

### Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	1700
Band#2 F_Start (MHz)	1500
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710
Band#4 F_End (MHz)	5000
Band#4 F_Start (MHz)	3300
Band#5 F_End (MHz)	2500
Band#5 F_Start (MHz)	2400
Band#6 F_End (MHz)	6000
Band#6 F_Start (MHz)	5000
Band#7 F_End (MHz)	1602

Band#7 F_Start (MHz)	1561
Peak Gain (dBi)	See Product Specification
Return Loss - S11 (dB)	See Product Specification
Total Efficiency	See Product Specification

**Physical**

Cable Length	1000.00mm
Length	155.00mm
Mounting Style	Adhesive
Net Weight	278.000/g
Packaging Type	Partitioned Carton
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	20.00mm
Width	65.00mm

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**Mates With / Use With**

**Mates with Part(s)**

Description	Part Number
Mates With	SMA Straight Cable Plugs