



Part Number : [2158720101](#)
Product Description : Mini-Link Wi-Fi Tri-Band
Antenna, 30.00mm Length, with SMA Male Connector
Series Number : 215872
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[2158720101_sd.pdf](#)
[2158720001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2158720101-001.pdf](#)
[2158720101-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

[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	Active
Category	Antennas
Series	215872
Description	Mini-Link Wi-Fi Tri-Band Antenna, 30.00mm Length, with SMA Male Connector
Component Type	External Antenna
Function	Signal
Product Name	Mini-Link Antenna
Protocol	BT, DSRC, Wi-Fi
Type	External, Wi-Fi Antenna
UPC	193264757176

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	6000
Band#2 F_Start (MHz)	5000
Band#3 F_End (MHz)	7125
Band#3 F_Start (MHz)	6000
Peak Gain (dBi)	3.0 @ 6 GHz, 3.8 @ 2.4 GHz, 4.6 @ 5 GHz

Return Loss - S11 (dB)	< -10, < -4, < -5
Total Efficiency	>50% @ 6 GHz, >60% @2.4 GHz, >65% @ 5 GHz

Physical

Length	30.00mm
Mounting Style	N/A
Net Weight	5.310/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Width	8.00mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Socket