

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2158720101**  
**Status:** **Active**  
**Overview:** Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee  
**Description:** Mini-Link Wi-Fi Tri-Band Antenna, 30.00mm Length, with SMA Male Connector

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2158720001-001 (PDF)</a>
<a href="#">Product Specification 2158720101-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 2158720101-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	<u>215872</u>
Component Type	External Antenna
Function	Signal
Mates With	SMA Socket
Overview	<u>Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</u>
Product Name	Mini-Link Antenna
Protocol	BT, DSRC, Wi-Fi
Type	Wi-Fi Antenna
UPC	193264757176

**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

**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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2158720101-001
Packaging Specification	2158720001-001
Product Specification	2158720101-000
Sales Drawing	2158720101-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)

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**

215872 Series

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Antennas](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[GAN30084EU](#) [930-033-R](#) [GW17.07.0250E](#) [1513563-1](#) [EXE902SM](#) [APAMPG-117](#) [MAF94383](#) [W3908B0100](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [66089-2406](#) [SPDA17RP918](#) [W3006VP](#) [A09-F8NF-M](#) [A09-F5NF-M](#) [RGFRA1903041A1T](#) [W3593B0100](#) [W3921B0100](#) [SIMNA-868](#) [SIMNA-915](#) [SIMNA-433](#) [W1044](#) [W1049B090](#) [A75-001](#) [WTL2449CQ1-FRSMM](#) [CPL9C](#) [EXB148BN](#) [0600-00060](#) [TRA9020S3PBN-001](#) [GD5W-28P-NF](#) [MA9-7N](#) [GD53-25](#) [GD5W-21P-NF](#) [EXB144SM](#) [C37](#) [MAF94051](#) [GD35-17P-NF](#) [P1744](#) [MA9-5N](#) [EXD420PL](#) [B1322NR](#) [QWFTB120](#) [MAF94271](#) [MAF94300](#) [GPSMB301](#) [FG4403](#) [AO-AGSM-OM54](#) [5200232](#) [MIKROE-2349](#)