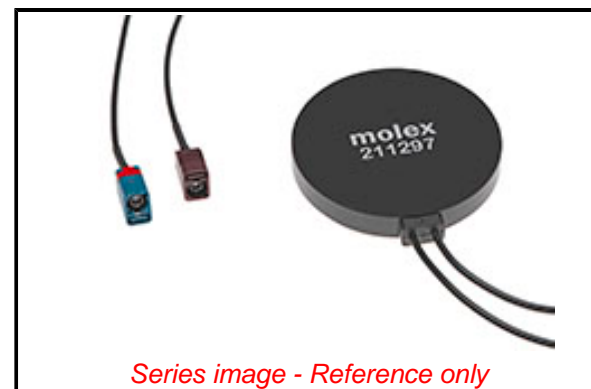


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2112973000**
Status: **Active**
Overview: Combo Antennas
Description: 2-in-1 4G/GPS and BD External Antenna, 77.00mm Diameter, 3.0m Cables with Fakra Connectors

Documents:

3D Model	Application Specification 2112973000-000 (PDF)
Drawing (PDF)	Packaging Specification 2112973000-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2112973000-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	211297
Comments	4G: VSWR 2.5 = Return loss < -8dB GPS: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Function	Signal
Overview	Combo Antennas
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External Antenna
UPC	191130540969

Physical

Cable Length	3.0m
Mounting Style	Adhesive
Net Weight	120.680/g
Outer Diameter	77.00mm
Packaging Type	Partitioned Carton
Polarization	Linear, RHCP
Radiation Pattern	Bi-Directional (GPS), Omnidirectional (4G)
Thickness	15.00mm
Width	N/A

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	1575.42
Band#2 F_Start (MHz)	1561.098
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	-0.8 @ 824 MHz, -2.1 @ 1561 MHz, -2.1 @ 1575 MHz, 0.4 @ 1710 MHz
Return Loss - S11 (dB)	< -8, < -10 (see comments)
Total Efficiency	22.1% @ 1575 MHz, 22.3% @ 1561 MHz, 26.8% @ 1710 MHz, 33.6% @ 824 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2112973000-000
Packaging Specification	2112973000-001
Product Specification	2112973000-001
Sales Drawing	2112973000-000

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Not 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

211297 Series

This document was generated on 09/28/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#)