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

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2112973000-001 \(PDF\)](#)
[Product Specification 2112973000-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification 2112973000-000 \(PDF\)](#)

General

Product Family	Antennas
Series	211297
Comments	4G: VSWR 2.5 = Return loss < -8dB GPS: VSWR 2 = Return loss < -10dB, 4G: VSWR 2.5 = Return loss < -8dB GPS: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Datasheet Order No	987651-8702
Function	Signal
Overview	External Antennas
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External Antenna
UPC	191130540969

Physical

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

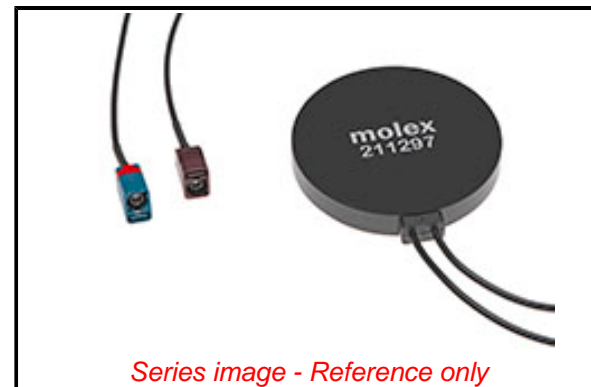
Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

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

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