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

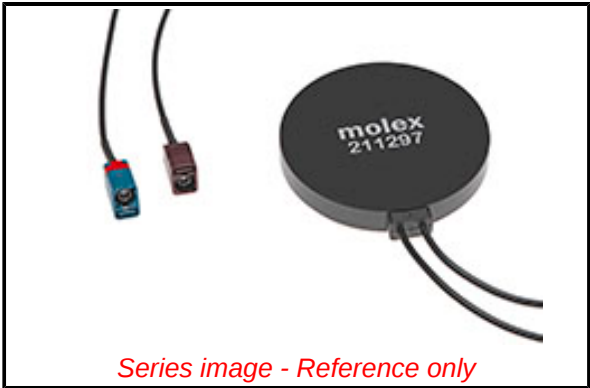
General
Product Family Antennas
Series [211297](#)
Comments 4G: VSWR 2.5 = Return loss < -8dB GPS: VSWR 2 = Return loss < -10dB, 4G: VSWR 2.5 = Return loss < -8dB GPS: VSWR 2 = Return loss < -10dB
Component Type External Antenna
Datasheet Order No 987651-8702
Function Signal
Overview [External Antennas](#)
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



EU ELV
Not Relevant

EU RoHS	China 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	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[211297 Series](#)

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