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**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:**

<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model (PDF)</a>	

**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	<a href="#">Combo Antennas</a>
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External Antenna
UPC	191130540969

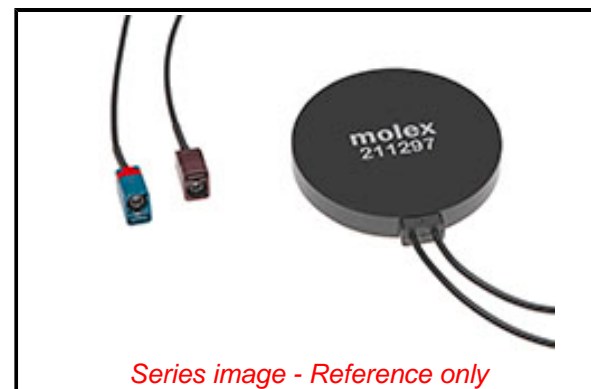
**Physical**

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**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 7(c)-I**

**REACH SVHC**

Not Contained Per - D(2020)4578-DC (25 June 2020)

**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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