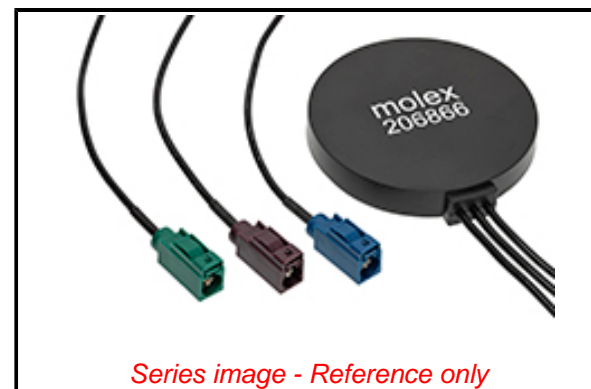


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2068663000**  
**Status:** **Active**  
**Overview:** Combo Antennas  
**Description:** 3-in-1 (4G/Wi-Fi/GPS) External Antenna, 77.00mm Diameter, 3.0m Cables with Fakra Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2068663000-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2068663000-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2068663000-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



*Series image - Reference only*

**General**

Product Family	Antennas
Series	<u>206866</u>
Comments	4G: VSWR 3 = Return loss < -6dB   GPS, WiFi: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Function	Signal
Overview	<u>Combo Antennas</u>
Product Name	3-in-1 External Antenna
Protocol	BT, Cellular, GPS, Wi-Fi
Type	External Antenna
UPC	191128851039

**Physical**

Cable Length	3.0m
Length	N/A
Mounting Style	Adhesive
Net Weight	180.442/g
Outer Diameter	77.00mm
Packaging Type	Carton
Polarization	Linear, RHCP
Radiation Pattern	Directional (GPS), Omnidirectional (4G,WiFi)
Thickness	15.00mm
Width	N/A

**Electrical**

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	1602
Band#2 F_Start (MHz)	1575.42
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710
Band#4 F_End (MHz)	2483.5
Band#4 F_Start (MHz)	2400
Electrical Connectivity	Cable
Frequency	1575 MHz, 2400 MHz, 824 MHz
Peak Gain (dBi)	-0.5 @ 824 MHz, -2.7 @ 2.4 GHz, 0 @ 1710 MHz, 3.0 @ 1575 MHz
Return Loss - S11 (dB)	< -6, < -10 (see comments)
Total Efficiency	21.6% @ 824 MHz, 23.3% @ 2.4 GHz, 26.2% @ 1575 MHz, 27.2% @ 1710 MHz

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2068663000-AS
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**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 7(c)-I,6(c)**

**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

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

206866 Series

Packaging Specification  
Product Specification  
Sales Drawing

2068663000-PK  
2068663000-PS  
2068663000-SD

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