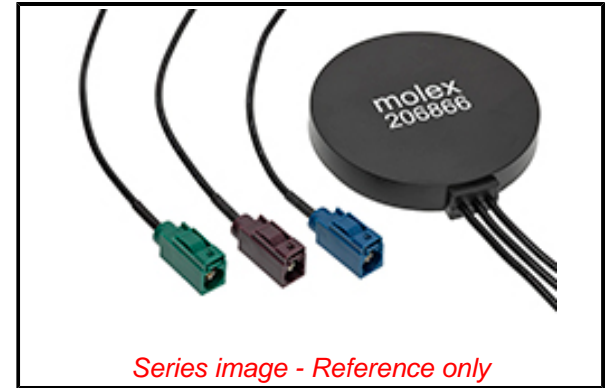


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Packaging Specification 2068663000-PK (PDF)
Product Specification 2068663000-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2068663000-AS (PDF)	Product Literature (PDF)



Series image - Reference only

General

Product Family	Antennas
Series	206866
Comments	4G: VSWR 3 = Return loss < -6dB GPS, WiFi: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Overview	Antennas
Product Literature Order No	987651-8702
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 @ 824M, -2.7 @ 2.4G, 0 @ 1710M, 3.0 @ 1575M
Return Loss - S11 (dB)	< -6, < -10 (see comments)
Total Efficiency	21.6% @ 824M, 23.3% @ 2.4G, 26.2% @ 1575M, 27.2% @ 1710M

Material Info

Reference - Drawing Numbers

Application Specification	2068663000-AS
Packaging Specification	2068663000-PK
Product Specification	2068663000-PS

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

China RoHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[206866 Series](#)

This document was generated on 09/18/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION