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Part Number: [2068663000](#)
Status: **Active**
Overview: External 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 \(PDF\)](#)

General

Product Family	Antennas
Series	206866
Comments	4G: VSWR 3 = Return loss < -6dB GPS, WiFi: VSWR 2 = Return loss < -10dB, 4G: VSWR 3 = Return loss < -6dB GPS, WiFi: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Datasheet Order No	987651-8702
Function	Signal
Overview	External Antennas
Product Name	3-in-1 External Antenna
Protocol	BT, Cellular, GPS, Wi-Fi
Type	External Antenna
UPC	191128851039

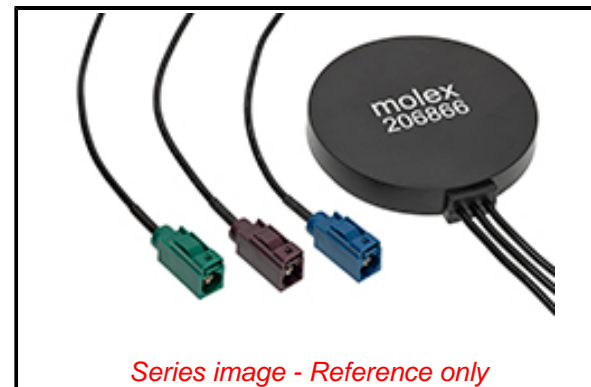
Physical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

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

[206866 Series](#)

Reference - Drawing Numbers

Application Specification	2068663000-AS
Packaging Specification	2068663000-PK
Product Specification	2068663000-PS
Sales Drawing	2068663000-SD

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