



**Part Number :** [2128600011](#)  
**Product Description :** 2.4GHz / 5GHz Wi-Fi/Bluetooth Hinged External Antenna, with Reverse Polar SMA Male Connector, Black  
**Series Number :** 212860  
**Status :** Active  
**Product Category :** Antennas



## Documents & Resources


**Drawings**  
[2128600011\\_sd.pdf](#)  
[2128600001-PK1.pdf](#)

**3D Models and Design Files**  
[2128600011\\_stp.zip](#)

**Specifications**  
[2128600001-AS.pdf](#)  
[2128600001-PS.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Antennas
Series	212860
Description	2.4GHz / 5GHz Wi-Fi/Bluetooth Hinged External Antenna, with Reverse Polar SMA Male Connector, Black
Component Type	External Antenna
Function	Signal
Product Name	2.4/5GHz Wi-Fi/BT Antenna
Protocol	BT, Wi-Fi
Type	External
UPC	193264201464

#### Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Peak Gain (dBi)	4.5 @ 5 GHz, 5.3 @ 2.4 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 5 GHz, >80% @ 2.4 GHz

#### Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	9.250/g

Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.35mm

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**Mates With / Use With**

**Mates with Part(s)**

Description	Part Number
Mates With	Reverse Polar SMA Female Receptacle