

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **212860101**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi/Bluetooth Hinged External Antenna, with Reverse Polar SMA Male Connector, White

Documents:

3D Model	Application Specification 2128600001-AS (PDF)
3D Model (PDF)	Packaging Specification 2128600001-PK1 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2128600001-PS (PDF)	



General

Product Family	Antennas
Series	212860
Component Type	External Antenna
Function	Signal
Mates With	Reverse Polar SMA Female Receptacle
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Wi-Fi/BT Antenna
Protocol	BT, Wi-Fi
Type	External Antenna
UPC	193264425730

Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	7.715/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.35mm

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

Material Info

Reference - Drawing Numbers

Application Specification	2128600001-AS
Packaging Specification	2128600001-PK1
Product Specification	2128600001-PS
Sales Drawing	2128600001-SD1

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)

Lead

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

212860 Series