



**Part Number :** [2144280001](#)

**Product Description :** 2.4GHz Wi-Fi/Bluetooth  
External Antenna, Compatible with U.FL / I-PEX MHF  
Connectors, Black

**Series Number :** 214428

**Status :** Obsolete

**Product Category :** Antennas



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## Documents & Resources

[2144280001\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

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

### Substances of Interest

- PFAS

[EU RoHS Certificate of Compliance](#)

[Additional Product Compliance Information](#)

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## Part Details

### General

Status	Obsolete
Category	Antennas
Series	214428
Description	2.4GHz Wi-Fi/Bluetooth External Antenna, Compatible with U.FL / I-PEX MHF Connectors, Black
Component Type	External Antenna
Function	Signal
Product Name	2.4GHz Wi-Fi/BT Antenna
Protocol	BT, Wi-Fi
Type	External
UPC	193264436040

### Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Electrical Connectivity	Cable
Peak Gain (dBi)	3.1 @ 2.4 GHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>75% @ 2.4 GHz

### Physical

Length	104.00mm
Mounting Style	N/A
Net Weight	6.000/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	I-PEX MHF I Receptacle

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Obsolete