



**Part Number :** [2084829200](#)

**Product Description :** Wi-Fi 6E Flex Cabled 2x2  
MIMO Automotive Antenna, 200.00mm Cable Length,  
Compatible with MHF-1 Plug

**Series Number :** 208482

**Status :** Active

**Product Category :** Antennas



## Documents & Resources

### Drawings

[2084829200\\_sd.pdf](#)

[2084829100-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

### Specifications

[2084829100-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

### [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	Active
Category	Antennas
Series	208482
Description	Wi-Fi 6E Flex Cabled 2x2 MIMO Automotive Antenna, 200.00mm Cable Length, Compatible with MHF-1 Plug
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Wi-Fi 6E Tri-Band 2x2 MIMO
Protocol	Wi-Fi
Type	Internal, Wi-Fi Antenna
UPC	195842855434

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
Band#3 F_End (MHz)	7125
Band#3 F_Start (MHz)	5925
Electrical Connectivity	Cable
Peak Gain (dBi)	See Product Specification

Return Loss - S11 (dB)	(Port 1) < -8 < -13, (Port 2) < -9 < -13 < -10
Total Efficiency	See Product Specification

**Physical**

Cable Length	200.00mm
Length	55.20mm
Mounting Style	Adhesive
Net Weight	1.750/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	19.20mm

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