



**Part Number :** [2065600200](#)  
**Product Description :** 1558MHz-1610MHz GNSS  
Flex Antenna, 200.00mm Cable Length, Compatible  
with U.FL / I-PEX MHF Connectors  
**Series Number :** 206560  
**Status :** Active  
**Product Category :** Antennas



## Documents & Resources

### Drawings

- [2065600200\\_sd.pdf](#)
- [2065600050-001.pdf](#)

### 3D Models and Design Files

- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

- [2065600050-AS.pdf](#)
- [2065600050-PS.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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<br>(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

## Part Details

### General

|                |                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                |
| Category       | Antennas                                                                                              |
| Series         | 206560                                                                                                |
| Description    | 1558MHz-1610MHz GNSS Flex Antenna, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors |
| Component Type | Flexible Antenna with Cable                                                                           |
| Function       | Signal                                                                                                |
| Product Name   | 1558MHz-1610MHz GNSS Flexible                                                                         |
| Protocol       | BeiDou, GLONASS, GPS                                                                                  |
| Type           | GNSS Antenna, Internal                                                                                |
| UPC            | 191128769136                                                                                          |

### Electrical

|                         |       |
|-------------------------|-------|
| Band#1 F_End (MHz)      | 1564  |
| Band#1 F_Start (MHz)    | 1558  |
| Band#2 F_End (MHz)      | 1578  |
| Band#2 F_Start (MHz)    | 1572  |
| Band#3 F_End (MHz)      | 1605  |
| Band#3 F_Start (MHz)    | 1599  |
| Electrical Connectivity | Cable |

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Peak Gain (dBi)        | 0.7 @ 1561 MHz, 0.8 @ 1575 MHz,<br>1.1 @ 1602 MHz    |
| Return Loss - S11 (dB) | < -8                                                 |
| Total Efficiency       | >68% @ 1575 MHz, >68% @ 1561<br>MHz, >69% @ 1602 MHz |

## Physical

|                   |                 |
|-------------------|-----------------|
| Cable Length      | 200.00mm        |
| Length            | 40.40mm         |
| Mounting Style    | Adhesive        |
| Net Weight        | 0.847/g         |
| Packaging Type    | PET Film        |
| Polarization      | Linear          |
| Radiation Pattern | Omnidirectional |
| Thickness         | 0.10mm          |
| Width             | 15.40mm         |

---

## Mates With / Use With

### Mates with Part(s)

| Description                                                                              | Part Number      |
|------------------------------------------------------------------------------------------|------------------|
| MCRF Jack, Straight, PCB<br>Receptacle, Surface Mount,<br>1.25mm Mounted Height, 50 Ohms | <u>734120110</u> |

---

This document was generated on Sep 18, 2025