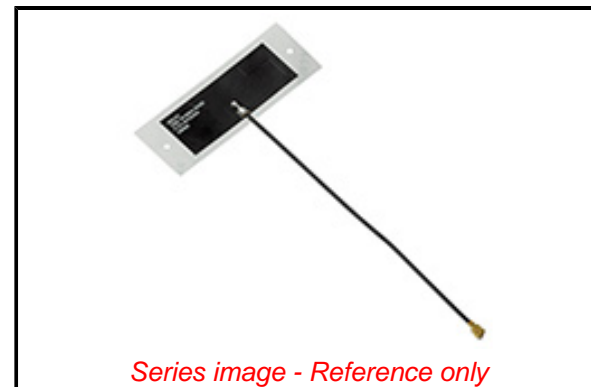


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2065600100**
Status: **Active**
Overview: GNSS/GPS Antennas
Description: 1558MHz-1610MHz GNSS Flex Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|---|---|
| 3D Model | Application Specification 2065600050-AS (PDF) |
| Drawing (PDF) | Packaging Specification 2065600050-001 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification 2065600050-PS (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 206560 |
| Component Type | Flexible Antenna with Cable |
| Function | Signal |
| Mates With | 734120110 Microcoaxial RF, 50 Ohm |
| Overview | GNSS/GPS Antennas |
| Product Name | 1558MHz-1610MHz GNSS Flexible |
| Protocol | BeiDou, GLONASS, GPS |
| Type | GNSS Antenna |
| UPC | 191128769112 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 100.00mm |
| Length | 40.40mm |
| Mounting Style | Adhesive |
| Net Weight | 0.593/g |
| Packaging Type | PET Film |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.10mm |
| Width | 15.40mm |

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) | 0.9 @ 1561 MHz, 1.0 @ 1575 MHz, 1.37 @ 1602 MHz |
| Return Loss - S11 (dB) | < -8 |
| Total Efficiency | >72% @ 1575 MHz, >72% @ 1561 MHz, >73% @ 1602 MHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2065600050-AS |
| Packaging Specification | 2065600050-001 |
| Product Specification | 2065600050-PS |
| Sales Drawing | 2065600050-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[206560 Series](#)

This document was generated on 09/28/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION