



Part Number : [2066400001](#)
Product Description : GNSS Active Patch Antenna
with Low-Noise Amplifier (LNA), 60.00mm Cable
Length, Compatible with U.FL / I-PEX MHF Connectors
Series Number : 206640
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

- [2066400001_sd.pdf](#)
- [2066400001-PK.pdf](#)

3D Models and Design Files

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

Specifications

- [2066400001-AS.pdf](#)
- [2066400001-PS.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(2025)4165-DC (25 June 2025)
EU RoHS	Compliant with Exemption 7(c)-I 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	206640
Description	GNSS Active Patch Antenna with Low-Noise Amplifier (LNA), 60.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Comments	Antenna Peak Gain: 4.5 dBic based on 7 by 7cm ground plane; LNA Gain: 28 ± 3dB
Component Type	Patch Antenna with Cable
Function	Signal
Product Name	GNSS Active Patch
Protocol	BeiDou, Galileo, GLONASS, GPS
Type	GNSS Antenna, Internal
UPC	191128769167

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)	1607
Band#3 F_Start (MHz)	1597
Electrical Connectivity	Cable
Peak Gain (dBi)	See Comments
Return Loss - S11 (dB)	< -8
Total Efficiency	N/A

Physical

Cable Length	60.00mm
Length	25.00mm
Mounting Style	Adhesive
Net Weight	12.166/g
Packaging Type	Tray
Polarization	Right Handed Circular
Radiation Pattern	Directional
Thickness	6.50mm
Width	25.00mm

Mates With / Use With

Mates with Part(s)

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