Part Number : 2112973000
Product Description : 2-in-1 4G/GPS and BD External Antenna, 77.00mm Diameter, 3.0m Cables with Fakra Connectors
Series Number : 211297
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2112973000_sd.pdf

2112973000-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2112973000-000.pdf

2112973000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Melamine; C,C'-azodi(formamide); 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2025)7771-DC (04 Feb 2026)

Downloaded from Arrow.com.

EU RoHS	Compliant with Exemption 6(c) 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	211297
Description	2-in-1 4G/GPS and BD External Antenna, 77.00mm Diameter, 3.0m Cables with Fakra Connectors
Comments	4G: VSWR 2.5 = Return loss < -8dB; GPS: VSWR 2 = Return loss < -10dB
Component Type	External Antenna
Function	Signal
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External
UPC	191130540969

Electrical

Downloaded from Arrow.com.

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	1575.42
Band#2 F_Start (MHz)	1561.098
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	-0.8 @ 824 MHz, -2.1 @ 1561 MHz, -2.1 @ 1575 MHz, 0.4 @ 1710 MHz
Return Loss - S11 (dB)	< -8,< -10 (see comments)
Total Efficiency	22.1% @ 1575 MHz, 22.3% @ 1561 MHz, 26.8% @1710 MHz, 33.6% @ 824 MHz

Physical

Cable Length	3.0m
Mounting Style	Adhesive
Net Weight	120.680/g
Outer Diameter	77.00mm
Packaging Type	Partitioned Carton
Polarization	Linear, RHCP
Radiation Pattern	Bi-Directional (GPS), Omnidirectional (4G)
Thickness	15.00mm
Width	N/A

Downloaded from Arrow.com.