Part Number : 2135000500
Product Description : 2-in-1 LTE/GPS External Antenna, 75.00mm Diameter, 500.00mm Cables with SMA Male Connectors
Series Number : 213500
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2135000500_sd.pdf

2135000500-PK.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2135000500-AS.pdf

2135000500-PS.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 Boron oxide; Lead per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c); 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	213500
Description	2-in-1 LTE/GPS External Antenna, 75.00mm Diameter, 500.00mm Cables with SMA Male Connectors
Component Type	External Antenna
Function	Signal
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External
UPC	193264436064

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	1576.44
Band#2 F_Start (MHz)	1574.39
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710

Electrical Connectivity	Cable
Peak Gain (dBi)	0.77 @ 1575 MHz, 0.77 @ 824 MHz, 3.73 @ 1710 MHz
Return Loss - S11 (dB)	< -5, < 1.5
Total Efficiency	>40% @ 1575 MHz, >55% @ 824 MHz, >60% @ 1710 MHz

Physical

Cable Length	500.00mm
Mounting Style	Adhesive and Screw Nut
Net Weight	62.580/g
Outer Diameter	75.00mm
Packaging Type	Partitioned Carton
Polarization	Linear, RHCP
Radiation Pattern	Directional (GPS), Omnidirectional (4G)
Thickness	14.90mm