

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2133530100**
Status: **Active**
Overview: Combo Antennas
Description: LTE/GPS Combo Flexible Antenna, 100.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors

Documents:

3D Model	Application Specification 2133530100-001 (PDF)
Drawing (PDF)	Packaging Specification 2133530100-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2133530100-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	213353
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Combo Antennas
Product Name	LTE/GPS Combo Flexible Antenna
Protocol	BeiDou, Cellular, GLONASS, GPS, UWB
Type	Combo GPS/Cellular
UPC	193264456505

Physical

Cable Length	100.00mm
Length	119.40mm
Mounting Style	Adhesive
Net Weight	1.530/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	19.40mm

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	1500
Band#2 F_Start (MHz)	1400
Band#3 F_End (MHz)	1700
Band#3 F_Start (MHz)	1500
Band#4 F_End (MHz)	2700
Band#4 F_Start (MHz)	1700
Band#5 F_End (MHz)	4200
Band#5 F_Start (MHz)	3300
Band#6 F_End (MHz)	5000
Band#6 F_Start (MHz)	4400
Band#7 F_End (MHz)	8500
Band#7 F_Start (MHz)	5900
Band#8 F_End (MHz)	1563
Band#8 F_Start (MHz)	1558
Band#9 F_End (MHz)	1576
Band#9 F_Start (MHz)	1573
Band_#10 F_End (MHz)	1606
Band_#10 F_Start (MHz)	1598
Electrical Connectivity	Cable



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
2-Methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop

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

[213353 Series](#)

Peak Gain (dBi)	2.3 @ 1400 MHz, 2.3 @ 1500 MHz, 2.5 @ 698 MHz, 4.5 @ 4400 MHz, 5.4 @ 1700 MHz, 5.4 @ 3300 MHz, 7.0 @ 5900 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>45% @ 1558 MHz, >50% @ 1573 MHz, >50% @ 1598 MHz, >60% @ 1400 MHz, >60% @ 1500 MHz, >60% @ 1700 MHz, >60% @ 3300 MHz, >60% @ 4400 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2133530100-001
Packaging Specification	2133530100-001
Product Specification	2133530100-000
Sales Drawing	2133530100-000

This document was generated on 10/01/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Antennas](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[GAN30084EU](#) [930-033-R](#) [GW17.07.0250E](#) [1513563-1](#) [EXE902SM](#) [APAMPG-117](#) [MAF94383](#) [W3908B0100](#) [W6102B0100](#) [YE572113-30RSMM](#) [108-00014-50](#) [66089-2406](#) [SPDA17RP918](#) [W3006VP](#) [A09-F8NF-M](#) [A09-F5NF-M](#) [RGFRA1903041A1T](#) [W3593B0100](#) [W3921B0100](#) [SIMNA-868](#) [SIMNA-915](#) [SIMNA-433](#) [W1044](#) [W1049B090](#) [A75-001](#) [WTL2449CQ1-FRSMM](#) [CPL9C](#) [EXB148BN](#) [0600-00060](#) [TRA9020S3PBN-001](#) [GD5W-28P-NF](#) [MA9-7N](#) [GD53-25](#) [GD5W-21P-NF](#) [EXB144SM](#) [C37](#) [MAF94051](#) [GD35-17P-NF](#) [P1744](#) [MA9-5N](#) [EXD420PL](#) [B1322NR](#) [QWFTB120](#) [MAF94271](#) [MAF94300](#) [GPSMB301](#) [FG4403](#) [AO-AGSM-OM54](#) [5200232](#) [MIKROE-2349](#)