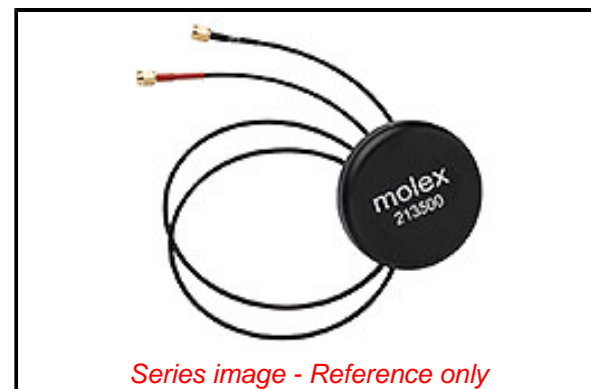


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2135000500**
Status: **Active**
Overview: Combo Antennas
Description: 2-in-1 LTE/GPS External Antenna, 75.00mm Diameter, 500.00mm Cables with SMA Male Connectors

Documents:

3D Model	Application Specification 2135000500-AS (PDF)
Drawing (PDF)	Packaging Specification 2135000500-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2135000500-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	<u>213500</u>
Component Type	External Antenna
Function	Signal
Overview	<u>Combo Antennas</u>
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External Antenna
UPC	193264436064

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

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

Material Info

Reference - Drawing Numbers

Application Specification	2135000500-AS
Packaging Specification	2135000500-PK
Product Specification	2135000500-PS
Sales Drawing	2135000500-SD

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c),7(c)-I

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)

Diboron-trioxide

Lead

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

China RoHS

ELV

50 Image
Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[213500 Series](#)