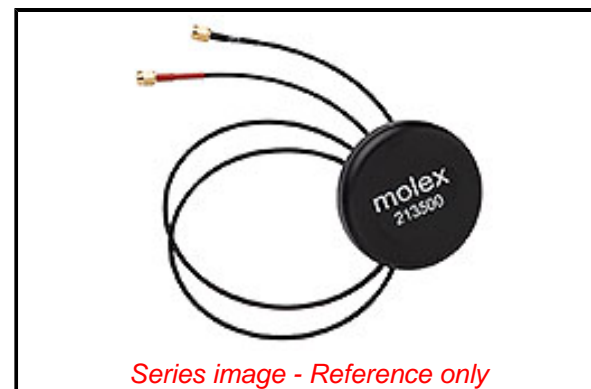


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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) |



Series image - Reference only

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

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