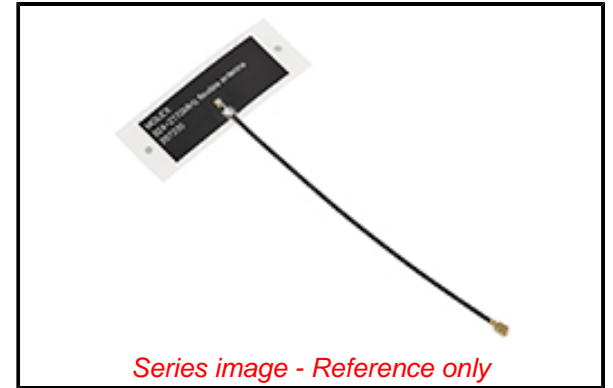


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2072350150**
Status: **Active**
Overview: LTE Cellular Antennas
Description: 824MHz-2170MHz Cellular Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|-----------------------------------------------------------|---------------------------------------------------------------|
| 3D Model | Application Specification 2072350100-AS (PDF) |
| Drawing (PDF) | Packaging Specification 2072350100-PK (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Product Specification 2072350100-PS (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---------------------------------------------------|
| Product Family | Antennas |
| Series | 207235 |
| Component Type | Flexible Antenna with Cable |
| Function | Signal |
| Mates With | 734120110 Microcoaxial RF, 50 Ohm |
| Overview | LTE Cellular Antennas |
| Product Name | Cellular Flexible Antenna |
| Protocol | Cellular |
| Type | Cellular Antenna |
| UPC | 191128895927 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 150.00mm |
| Length | 40.40mm |
| Mounting Style | Adhesive |
| Net Weight | 0.791/g |
| Packaging Type | PET Film |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.10mm |
| Width | 15.40mm |

Electrical

| | |
|-------------------------|---------------------------------|
| Band#1 F_End (MHz) | 960 |
| Band#1 F_Start (MHz) | 824 |
| Band#2 F_End (MHz) | 2170 |
| Band#2 F_Start (MHz) | 1710 |
| Electrical Connectivity | Cable |
| Peak Gain (dBi) | 0 @ 824 MHz, 3.8 @ 1710 MHz |
| Return Loss - S11 (dB) | < -5, < -8 |
| Total Efficiency | >31% @ 824 MHz, >60% @ 1710 MHz |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---------------|
| Application Specification | 2072350100-AS |
| Packaging Specification | 2072350100-PK |
| Product Specification | 2072350100-PS |
| Sales Drawing | 2072350100-SD |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[207235](#) Series