



Part Number : [2072350150](#)

Product Description : 824MHz-2170MHz Cellular Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Series Number : 207235

Status : Active

Product Category : Antennas



---

## Documents & Resources

### Drawings

[2072350150\\_sd.pdf](#)

[2072350100-PK.pdf](#)

### 3D Models and Design Files

[2072350150\\_stp.zip](#)

### Specifications


[2072350100-AS.pdf](#)

[2072350100-PS.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

---

## Part Details

### General

Status	Active
Category	Antennas
Series	207235
Description	824MHz-2170MHz Cellular Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Cellular Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	191128895927

### 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

### 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

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	<u>734120110</u>