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Part Number: 2079010250
Status: Active
Overview: LTE Cellular Antennas
Description: 600MHz-6GHz Monopole Low-profile Flexible Antenna, 250.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 2079010100-PS (PDF)
- Application Specification 2079010100-AS (PDF)
- Packaging Specification 2079010100-PK (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	207901
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	LTE Cellular Antennas
Product Name	600MHz-6GHz Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna
UPC	191130042043

Physical

Cable Length	250.00mm
Length	147.00mm
Mounting Style	Adhesive
Net Weight	2.286/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	25.00mm

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	600
Band#2 F_End (MHz)	3000
Band#2 F_Start (MHz)	1500
Band#3 F_End (MHz)	6000
Band#3 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	2.3 @ 600 MHz, 4.5 @ 1500 MHz, 4.8 @ 3 GHz
Return Loss - S11 (dB)	< -3, < -5
Total Efficiency	58% @ 1500 MHz, 60% @ 3 GHz, 66% @ 600 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2079010100-AS
Packaging Specification	2079010100-PK
Product Specification	2079010100-PS
Sales Drawing	2079010100-SD

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
207901 Series

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