

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2091420180](#)
Status: **Active**
Overview: [LTE Cellular Antennas](#)
Description: 698MHz-4000MHz Flexible Antenna, 180.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

Drawing (PDF)	Packaging Specification 2091420180-001 (PDF)
Product Specification 2091420180-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2091420180-000 (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	209142
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	LTE Cellular Antennas
Product Literature Order No	987651-7811
Product Name	698-4000MHz Flexible Antenna
Protocol	Cellular
Type	Cellular Antenna
UPC	191130157549

Physical

Cable Length	180.00mm
Length	85.00mm
Mounting Style	Adhesive
Net Weight	1.164/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	14.50mm

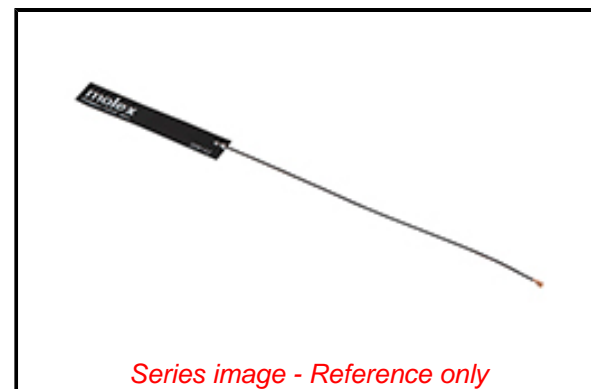
Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2690
Band#2 F_Start (MHz)	1710
Band#3 F_End (MHz)	3800
Band#3 F_Start (MHz)	3300
Electrical Connectivity	Cable
Peak Gain (dBi)	1.2 @ 698 MHz, 2.7 @ 3300 MHz, 5.2 @ 1710 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>45% @ 698 MHz, >55% @ 1710 MHz, >55% @ 3300 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2091420180-000
Packaging Specification	2091420180-001
Product Specification	2091420180-001
Sales Drawing	2091420180-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[209142](#) Series

This document was generated on 03/26/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION