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**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2091420180-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2091420180-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2091420180-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



*Series image - Reference only*

**General**

Product Family	Antennas
Series	<a href="#">209142</a>
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	<a href="#">734120110</a> Microcoaxial RF, 50 Ohm
Overview	<a href="#">LTE Cellular Antennas</a>
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 -  
D(2020)9139-DC (19  
Jan 2021)

**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

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