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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:

3D Model	Application Specification 2091420180-000 (PDF)
Drawing (PDF)	Packaging Specification 2091420180-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2091420180-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	209142
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	LTE Cellular Antennas
Product Name	698-4000MHz Flexible Antenna
Protocol	Cellular
Taxonomy	Antennas
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(2022)4187-DC (10
June 2022)

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](#)

Mates With

[734120110 Microcoaxial RF, 50 Ohm](#)

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