



**Part Number :** [1052630001](#)  
**Product Description :** Cellular 6 Band  
Antenna, 100.00mm Cable Length,  
Compatible with U.FL / I-PEX MHF Connectors  
**Series Number :** 105263  
**Status :** Active  
**Product Category :** Antennas



## Documents & Resources

**Drawings**  
[1052630001\\_sd.pdf](#)

**3D Models and Design Files**  
[1052630001\\_stp.zip](#)

**Specifications**  
[AS-105263-0001-001.pdf](#)  
[PK-105263-001-001.pdf](#)  
[PS-105263-001-001.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)7663-DC (21 Jan 2025)
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

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### Part Details

#### General

Status	Active
Category	Antennas
Series	105263
Description	Cellular 6 Band Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Cellular 6-Band Stand Alone
Protocol	Cellular
Type	Cellular Antenna, Internal
UPC	887191106243

#### Electrical

Band#1 F_End (MHz)	894
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	960
Band#2 F_Start (MHz)	880
Band#3 F_End (MHz)	1880
Band#3 F_Start (MHz)	1710
Band#4 F_End (MHz)	1990
Band#4 F_Start (MHz)	1850
Band#5 F_End (MHz)	2170
Band#5 F_Start (MHz)	1920
Band#6 F_End (MHz)	2690
Band#6 F_Start (MHz)	2500
Electrical Connectivity	Cable

Peak Gain (dBi)	2.3 @ 824 MHz, 3.1 @ 1710 MHz
Return Loss - S11 (dB)	< -6.8
Total Efficiency	> -1.8dB @ 824 MHz, > -2.2dB @ 1710 MHz

## Physical

Cable Length	100.00mm
Length	106.70mm
Mounting Style	Adhesive
Net Weight	0.908/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	13.00mm

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## 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>

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