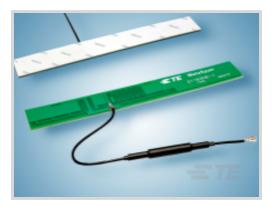


TE Internal #: 2118308-1 Antenna, UMTS / ZigBee / LTE, Non Conductive Surface, Adhesive, Cable Assembly, MHF, Cable Length 120 mm [4.724 in] View on TE.com >



Antennas



Wireless Application: CDMA 1900, CDMA 850, GSM, GSM 1800, GSM 900, ISM, LTE, UMTS, ZigBee Mounts To: Non Conductive Surface Mounting Retention Type: Adhesive Antenna Connection Type: Cable Assembly Antenna Connector Type: MHF

#### Features

#### **Product Type Features**

Antenna Connection Type

Antenna Connector Type

#### **Configuration Features**

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Cable Assembly

MHF

Band Type	5 Band
Antenna Protocol	LTE World Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB
Electrical Characteristics	
VSWR (Max)	<3:1
Impedance	50 Ω
Active Antenna	No
Signal Characteristics	
Frequency Band	1710 – 1880 MHz, 1850 – 1990 MHz, 1920 – 2170 MHz, 2300 – 2700 MHz, 698 – 960 MHz, 824 – 894 MHz, 868 – 870 MHz, 880 – 960 MHz
Gain (Max)	3.9 dB
Body Features	

### 2118308-1

Antenna, UMTS / ZigBee / LTE, Non Conductive Surface, Adhesive, Cable Assembly, MHF, Cable Length 120 mm [4.724 in]



Product Weight	4.2 g[.1482 oz]
Mechanical Attachment	
Region	Americas, EU, Global
Polarization	Linear
Mounts To	Non Conductive Surface
Mounting Retention Type	Adhesive
Dimensions	
Cable Length	120 mm[4.724 in]
Product Length	110 mm[4.33 in]
Product Width	14 mm[.551 in]
Product Height	.02 mm[.052 in]
Jsage Conditions	
Application by Region	CDMA - Americas - 1850 – 1990 MHz, CDMA - Americas - 824 – 894 MHz, GSM - Americas - 1850 – 1990 MHz, GSM - Americas - 824 – 894 MHz, GSM - EU - 1710 – 1880 MHz, GSM - EU - 880 – 960 MHz, ISM - 698 – 960 MHz, ISM - EU - 868 – 870 MHz, LTE - Americas - 824 – 894 MHz, LTE EU - 1710 – 1880 MHz, LTE - EU - 880 – 960

MHz, LTE - Global - 1920 – 2170 MHz, LTE
All Band - 2300 – 2700 MHz, LTE All Band -
698 – 960 MHz, UMT - Global - 1920 – 2170
MHz, ZigBee - EU - 868 – 870 MHz

## Operation/Application

Wireless Standard	LTE, UMTS, US Dual, EU Triband & WCDMA
Industry Standards	
Wireless Application	CDMA 1900, CDMA 850, GSM, GSM 1800, GSM 900, ISM, LTE, UMTS, ZigBee
Packaging Features	
Packaging Method	Bag/Box
Other	
Precision Level	Standard

# Product Compliance

For compliance documentation, visit the product page on TE.com>

#### 2118308-1

Antenna, UMTS / ZigBee / LTE, Non Conductive Surface, Adhesive, Cable Assembly, MHF, Cable Length 120 mm [4.724 in]



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

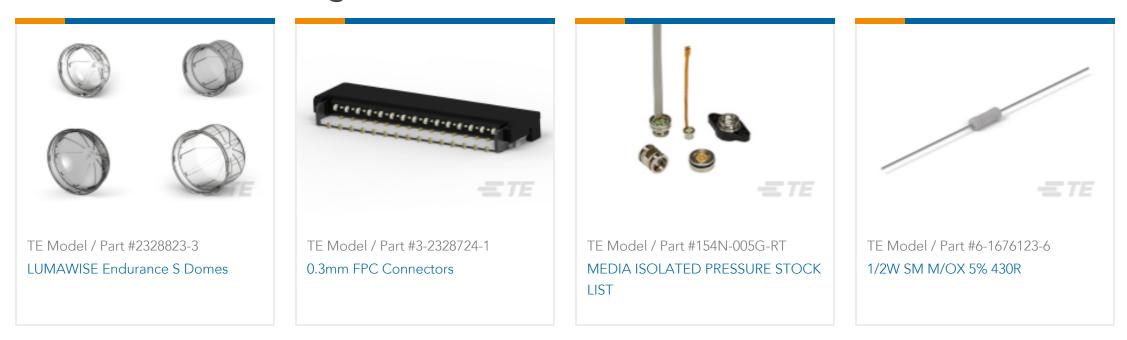
#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# **Compatible Parts**



# **Customers Also Bought**



### 2118308-1

Antenna, UMTS / ZigBee / LTE, Non Conductive Surface, Adhesive, Cable Assembly, MHF, Cable Length 120 mm [4.724 in]







## Documents

Product Drawings 4G World Band, MetaSpan, PCB, Chas

English

CAD Files 3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_2118308-1\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2118308-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2118308-1\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Antenna Data Sheet 698-960, 1710-2170 & 2300-2700 MHz LTE/Cell Band Antenna

English