



TE Internal #: VPJ69595B-92FAK

TE Internal Description: VEHL,LBRACKET MIMO

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Antennas

Communication Protocol: **Cellular, GNSS, Vehicular, Wi-Fi**

Mounting Location: **External**

Mounting Type: **Adhesive Mount**

Frequency Category: **698 – 6000**

Antenna Termination: **Fakra**

Features

Product Type Features

Antenna Termination	Fakra
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Low Profile
Mounting Location	External
Band Type	Multi Band
Port Configuration	Multiple Ports

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<3.1:1

Signal Characteristics

Frequency Band	698 – 960 MHz, 1710 – 2620 MHz, 2400 – 2500 MHz, 4900 – 5900 MHz
Gain (Max)	5 dB
Frequency Category	698 – 6000
Peak Gain	3 < 6 dBi

Body Features

Antenna Weight	225 g
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Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive Mount

Dimensions

Product Diameter	9.84 mm[35.98 in]
Product Width	2.33 mm[59.3 in]
Product Length	132.3 mm[5.21 in]
Product Height	123.4 mm[4.86 in]
Cable Length	.91 m[3 ft]

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	Cellular
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67
Communication Protocol	Cellular, GNSS, Vehicular, Wi-Fi
Primary Application	Cellular, GNSS, Vehicular, Wi-Fi

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



Documents

Product Drawings

[VEHL,LBRACKET MIMO](#)

English