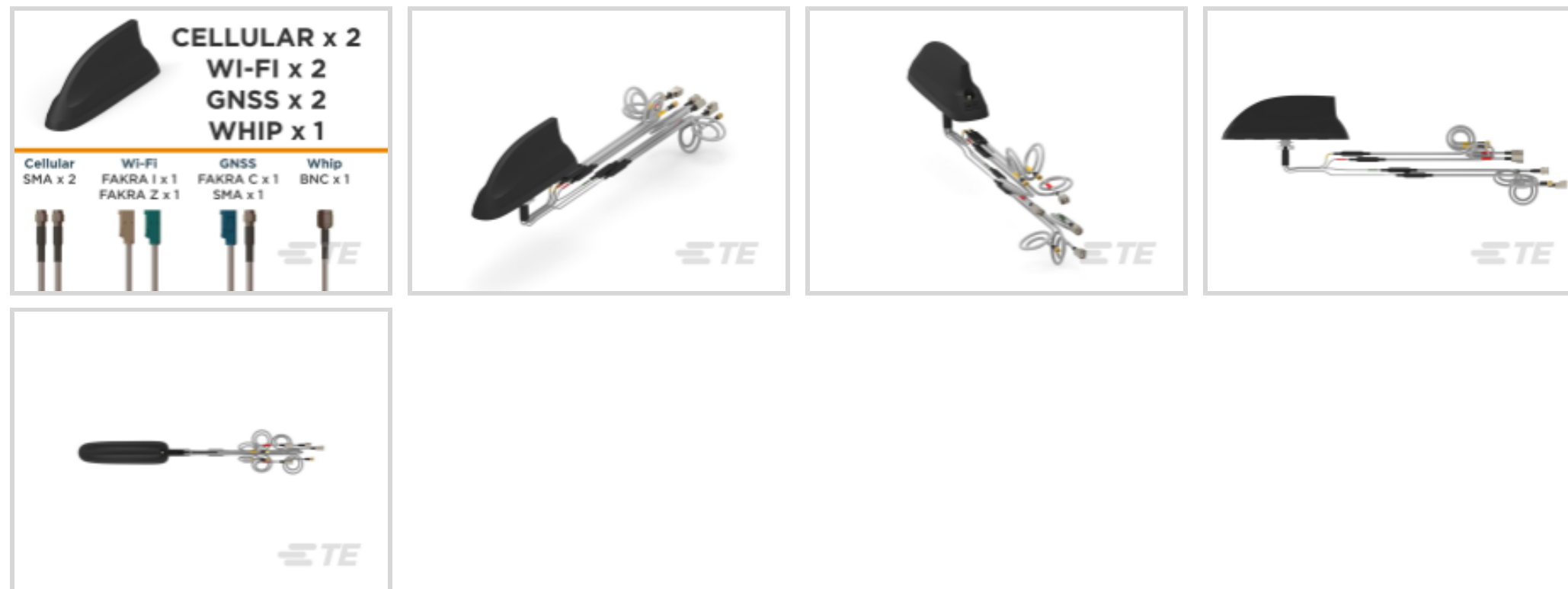




Antennas



Wireless Application: 5G

Mounting Location: External

Mounting Type: Stud

Antenna Termination: BNC, Fakra, SMA

Antenna Type: Shark Fin

Features

Product Type Features

Antenna Termination	BNC, Fakra, SMA
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Configuration Features

Antenna Style	Shark Fin
Mounting Location	External
Antenna Type	Shark Fin
Band Type	Multi Band
Port Configuration	Multiple Ports

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<3:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	2 dB, 3 dB, 3.3 dB, 3.7 dB, 4.6 dB, 4.8 dB
Frequency Band	617 – 960 MHz, 1427 – 1511 MHz, 1690 – 4000 MHz, 2400 – 2500 MHz, 4000 – 7200 MHz, 4900 – 6000 MHz



Nominal Frequency Range	617 – 7125
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Peak Gain	3 < 6 dBi
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### Body Features

Product Weight	1890 g[66.67 oz]
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### Mechanical Attachment

Polarization	Linear
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Mounting Type	Stud
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### Dimensions

Cable Length	5.3 m[17.4 ft]
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Product Width	63 mm[2.48 in]
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Product Length	245 mm[9.64 in]
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Product Height	84 mm[3.3 in]
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### Operation/Application

Antenna Environment	Outdoor
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Wireless Standard	Cellular
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Directionality	Omnidirectional
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### Industry Standards

IP Rating	IP67
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Wireless Application	5G
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Primary Application	Vehicular
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### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Carton
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### Other

Precision Level	Standard
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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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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.

## Compatible Parts

 <p>TE Part # L000410-01 Monopole Whip, TETRA UHF, 380-430MHz</p>	 <p>TE Part # L000410-02 Monopole Whip, UHF, 450-470MHz</p>	 <p>TE Part # L000410-03 Monopole Whip, UHF, 470-512MHz</p>	 <p>TE Part # L000410-04 Monopole Whip, UHF, 740-960MHz</p>
 <p>TE Part # L000434-05 8-Port, 4x 5G/LTE, 2x WiFi, GNSS, BT, BLK</p>	 <p>TE Part # L000340-01 Vehicle Whip 150-175/450-512/735-960MHz</p>		

## Documents

**Product Drawings**

7-Port, 2x5G/LTE, 2xWiFi, 2xGNSS, Whip, BLK

English



### Datasheets & Catalog Pages

[FP20 auto Datasheet and Kitting Guide](#)

English

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### Product Specifications

[Test Specification](#)

English