

FG1623 ✓ ACTIVE

FG Series

TE Internal #: FG1623

Baton/Stick Antenna, Single Band, VHF, External Mount, Pole/Mast/Bracket Mount, N-type, Omnidirectional, Single Port, Gain 3 < 6 dBi, FG Series

[View on TE.com >](#)



Antennas



Wireless Application: **VHF**

Mounting Location: **External**

Mounting Type: **Pole/Mast/Bracket Mount**

Frequency Category: **132 – 174**

Antenna Type: **Baton/Stick**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Stick/Baton
Mounting Location	External
Antenna Type	Baton/Stick
Band Type	Single Band
Port Configuration	Single Port

Signal Characteristics

Gain (Max)	5.15 dB
Frequency Band	162 – 168 MHz
Frequency Category	132 – 174
Peak Gain	3 < 6 dBi

Mechanical Attachment

Mounting Type	Pole/Mast/Bracket Mount
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Operation/Application

Antenna Environment	Outdoor
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Directionality

Omnidirectional

Industry Standards

Wireless Application

VHF

Primary Application

VHF

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

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
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.

Compatible Parts



TE Part # FG16397
OMNI,FG,MULTI BAND ANT



TE Part # FG1620
OMNI,FG,162-168MHZ,100W 165MHz, 2dBi



TE Part # FG1483
OMNI,FG,148-152MHZ,200W

Also in the Series | FG Series

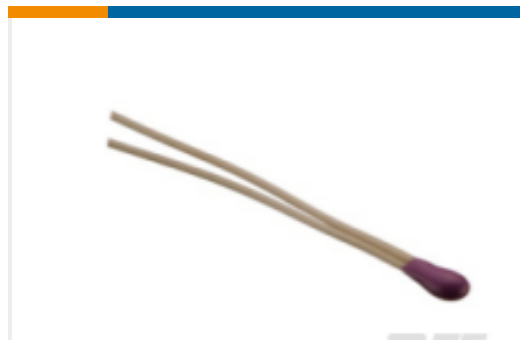


Antennas(30)

Customers Also Bought



TE Part #1658615-4
09 POS HDF PLUG, AP, LEAD FREE



TE Part #GA100K6A11A
DISCRETE 100K OHMS, +/-0.1C 0C TO 70C



TE Part #5555165-2
M/J, LPF, R/A, 6P/4C, TIN, BULK PKG



TE Part #5-1879335-3
CPF 0603 75R 1% 50PPM 1K RL



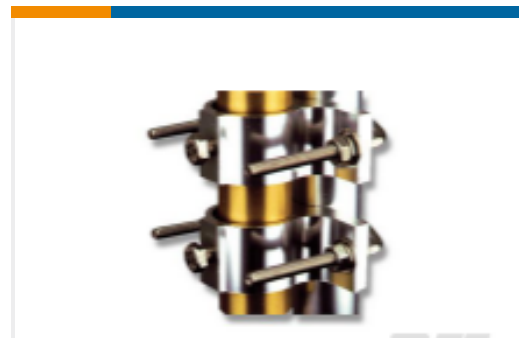
TE Part #FG1523
OMNI,FG,152-156MHZ,200W 154MHZ, 5dBi



TE Part #FG8063
OMNI,FG,806-866 MHz,200W 836MHZ, 3dBd



TE Part #2176600-4
RLC73PD 2H R649 1% 1K RL



TE Part #FM2
MOUNT,HD,2.5 MAST



TE Part #TRAB8063
OMNI,SB,PH,806-866MHz 3,3/4 NMO



TE Part #20008869-00
DISC +/-0.1C FROM 0C TO 70C

Documents

Datasheets & Catalog Pages

[162-168 MHz 5 dBi OMNIDIRECTIONAL ANTENNA](#)

English

Agency Approvals

[UK Declaration of Conformity](#)

English

