G420BN ✔ ACTIVE

TE Internal #: G420BN

Terminal/Duck Antenna, Single Band, UHF, External Mount, Stud /Screw/Lug Mount, BNC / KR / MD, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas

Communication Protocol: **UHF**

Mounting Location: **External**

Mounting Type: **Stud/Screw/Lug Mount**

Frequency Category: **350 – 520**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	BNC, KR, MD, MV, MX, PL
Antenna Product Type	Antenna

Configuration Features

Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Single Band
Port Configuration	Single Port

Signal Characteristics

Frequency Band	420 – 450 MHz
Frequency Category	350 – 520
Peak Gain	0 < 3 dBi

Mechanical Attachment

Mounting Type	Stud/Screw/Lug Mount

Operation/Application

Antenna Environment	Indoor, Outdoor
Directionality	Omnidirectional

Industry Standards

Communication Protocol	UHF
Primary Application	UHF

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2.08% in Component Part) Pb (2.24% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # G450TN
DUCK,G,450-470MHz TNCM

TE Part # G450BN
DUCK,G,450-470MHz BNCM

Customers Also Bought



TE Part #1011-055-1205
SEAL RET, 12P, BRN, DTM, D

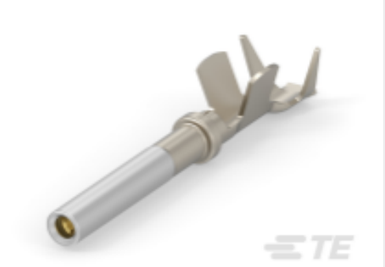


TE Part #BB4502N-L
WHIP,MC,1/2,450-470MHZ TUN,2.0, BK,NGP



TE Part #GB195RPSMAI
MOUNT,MGM,3/4,A195,RSMAM

TE Part #G450BN
DUCK,G,450-470MHz BNCM



TE Part #1062-20-0244-PS
SOC, SF, SIZE 20, 16-22, AU/SN, 100 PC



TE Part #ANT-W63-MON-RPS
Antenna MON Wifi6/6E Swivel SMA



TE Part #BB8962N
WHIP,MC,1/2,896-970MHz TUN,2.4,BK, NGP,



TE Part #TRAB806-17103
TRAB806-17103



TE Part #TRAB24003
OMNI,SB,PH,2400-2500 3,3/4 MT BLK



TE Part #1-215570-2
MICRO-MATCH PBC.12P

Documents

Datasheets & Catalog Pages

Two-Way Radio Antenna

English

Agency Approvals

UK Declaration of Conformity

English