# C144/440C ✔ ACTIVE

TE Internal #: C144-440C

Whip Antenna, Dual Band, Vehicular, External Mount, Connector Mount, Screw-Mount, Omnidirectional, Single Port, 3 < 6 dBi Peak Gain

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Antennas



Communication Protocol: **UHF**

Mounting Location: **External**

Mounting Type: **Connector Mount**

Antenna Type: **Whip**

Antenna Termination: **Screw-Mount**

## Features

### Product Type Features

| | |
|---|---|
| Antenna Termination | Screw-Mount |
| Antenna Product Type | Antenna |

### Configuration Features

| | |
|---|---|
| Antenna Style | Vehicular |
| Mounting Location | External |
| Antenna Type | Whip |
| Band Type | Dual Band |
| Port Configuration | Single Port |

### Electrical Characteristics

| | |
|---|---|
| Antenna Operation | Passive |

### Signal Characteristics

| | |
|---|---|
| Frequency Band | 132 – 525 MHz |
| Peak Gain | 3 < 6 dBi |

### Mechanical Attachment

| | |
|---|---|
| Polarization | Linear |
| Mounting Type | Connector Mount |

### Operation/Application

| | |
|---|---|
| Option | Connector Preinstalled |
| Antenna Environment | Outdoor |
| Wireless Standard | TETRA: 380 - 470 MHz |
| Directionality | Omnidirectional |

### Industry Standards

| | |
|---|---|
| Communication Protocol | UHF |
| Primary Application | Vehicular |

### Product Availability

| | |
|---|---|
| Applicable Region | Global |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag |

### Other

| | |
|---|---|
| Precision Level | Standard |

## 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)<br>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



TE Part # MB8U
MOUNT,BMM,3/4,58U STD,17FT58U



TE Part # G8U
MOUNT,MGM,3/4,58U CHR,STD, 12FT58U



TE Part # TM8
MTM, 58A CHR, STD, 17FT



TE Part # NMOHPCN518
MOUNT,BMM,3/4,A195

## Customers Also Bought



TE Part #B1360W
WHIP,MC,1/2,136-174 MHz 153,0,CH, GP,



TE Part #TRA4503
OMNI,PH,NMO,450-470 WHT,3,150,3/4 MT



TE Part #PA9-12
Panel,Fixed,NF 900-928MHz,12dBi



TE Part #TRA24-49003
OMNI,Ph,NMO,2.4+4.9 GHz WHT, 3dBi,60W,



TE Part #TRA6927M3PBN-001
OMNI,Ph,PMT,698/1710MHz BK,, 100W,NGP



TE Part #TRAB806-17103
TRAB806-17103



TE Part #TRABT1500
OMNI,PH,NMO,150-168 BLK,0,60



TE Part #LBH3400
MOUNT,BKT,3/4



TE Part #MABT8
MOUNT,BMM,BTH,58A, 1/4,17FT58A



TE Part #MB8-L
MOUNT,BMM,3/4,58A STD,17FT58A

## Documents

Datasheets & Catalog Pages

Mobile Load Coil Antennas

English

## Agency Approvals

### UK Declaration of Conformity

English