# EXR450TN ✔ ACTIVE

TE Internal #: EXR450TN

Terminal/Duck Antenna, Single Band, UHF, External Mount, Stud /Screw/Lug Mount, RP-TNC / TNC, 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 | RP-TNC, TNC |
| Antenna Product Type | Antenna |

### Configuration Features

| | |
|---|---|
| Antenna Style | Dipole, Stubby |
| Mounting Location | External |
| Antenna Type | Terminal/Duck |
| Band Type | Single Band |
| Port Configuration | Single Port |

### Signal Characteristics

| | |
|---|---|
| Frequency Band | 450 – 470 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)<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 # EXR902TN
Duck,EXR,902-960MHz TNCM



TE Part # EXR450BN
Duck,EXR,450-470MHz BNCM

## Customers Also Bought



TE Part #TRA806-17103
TRA806-17103



TE Part #EXD450TN
DUCK,EXD,450-470MHz,1/4W TNCM, 3 INCH



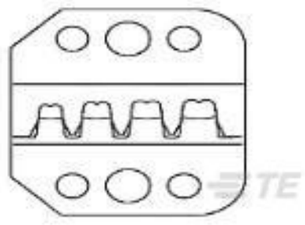
TE Part #WMB8
Mount,Wall,1.5in



TE Part #ETRA4503
OMNI,PHE,NMO,450-470MHz, WHT, 3,150,



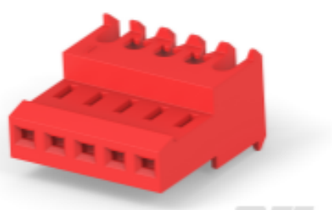
TE Part #ETRA1500
OMNI,PHE,NMO,150-155MHz, WHT, 0,60,w/NMO



TE Part #90760-2
PROCRIMP DIE MINI UNIV MNL



TE Part #3-641126-5
05P MTA100 HDR ASY FL/STR LF



TE Part #CAT-104MTA-NGPNR
Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment



TE Part #3-641216-4
04P MTA100 HDR ASSY FL/RA LF

## Documents

### Datasheets & Catalog Pages

TWO WAY RADIO ANTENNAS

English

### Agency Approvals

UK Declaration of Conformity

English