EXR2N902RTN ✔ ACTIVE

TE Internal #: EXR2N902RTN

Terminal/Duck Antenna, Single Band, LoRaWAN, External Mount, Connector Mount, RP-TNC, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas



Communication Protocol: **LoRaWAN**

Mounting Location: **External**

Mounting Type: **Connector Mount**

Frequency Category: **901 – 941**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	RP-TNC
Antenna Product Type	Antenna

Configuration Features

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

Electrical Characteristics

Antenna Operation	Passive

Signal Characteristics

Frequency Band	902 – 928 MHz
Frequency Category	901 – 941
Peak Gain	0 < 3 dBi

Mechanical Attachment

Polarization	Linear
Mounting Type	Connector Mount

Operation/Application

Option	Connector Preinstalled
Antenna Environment	Outdoor
Wireless Standard	915 ISM & ZigBee US
Directionality	Omnidirectional

Industry Standards

Communication Protocol	LoRaWAN
Primary Application	LoRaWAN

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) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2.82% 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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # EXE8960RTNM-001
DUCK,EXE,1/4,RTNM

Customers Also Bought



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

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



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

Documents

Datasheets & Catalog Pages

Two-Way Radio Antenna

English

Agency Approvals

UK Declaration of Conformity

English