

IN24-5RD-RSMA ✓ ACTIVE

TE Internal #: IN24-5RD-RSMA

Antenna, IoT / Bluetooth / Wi-Fi, SMA-RP Male, External, Dipole / Stubby

[View on TE.com >](#)



Antennas > Dipole Antennas: Single, Dual & Tri-Band



Wireless Application: **Bluetooth, IoT, M2M, Wi-Fi**

Antenna Connector Type: **SMA-RP Male**

Antenna Style: **External**

Antenna Type: **Dipole, Stubby**

[All Dipole Antennas: Single, Dual & Tri-Band \(17\)](#)

Features

Product Type Features

| | |
|------------------------|-------------|
| Antenna Connector Type | SMA-RP Male |
|------------------------|-------------|

Configuration Features

| | |
|-----------|------|
| Band Type | WLAN |
|-----------|------|

| | |
|-----------------|---|
| Number of Ports | 1 |
|-----------------|---|

| | |
|---------------|----------|
| Antenna Style | External |
|---------------|----------|

| | |
|--------------|----------------|
| Antenna Type | Dipole, Stubby |
|--------------|----------------|

Signal Characteristics

| | |
|------------|--------|
| Gain (Max) | 5.5 dB |
|------------|--------|

| | |
|----------------|-----------------|
| Frequency Band | 2400 – 2485 MHz |
|----------------|-----------------|

Operation/Application

| | |
|---------------|-----------------|
| Coverage Type | Omnidirectional |
|---------------|-----------------|

Industry Standards

| | |
|----------------------|----------------------------|
| Wireless Application | Bluetooth, IoT, M2M, Wi-Fi |
|----------------------|----------------------------|

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: JAN 2023 (233) 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 # IN24-5RD-RTNC
Dipol, RDuck, Fixed, RTNM 2400-2485MHz, 5dBi



TE Part # IN7-3RD-SMA
Dipol, RDuck, Fixed, SMAM 700MHz, 3dBi

Customers Also Bought



TE Part # DT04-2P
REC, 2P, GRY, N



TE Part # W2S
Wedgelocks: DEUTSCH DT



TE Part # 0462-201-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



Documents

Datasheets & Catalog Pages

[Rubber duck Omni Antenna](#)

English

Agency Approvals

[UK Declaration of Conformity](#)

English