**PHŒNIX CONTACT**

# Antenna - TC ANT MOBILE WALL 5M - 2702273

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Multiband cellular antenna with mounting bracket for outdoor installation, 5 m antenna cable with SMA circular connector, suitable for LTE/4G and 5G

## Your advantages

☑ Optional wall or mast mounting

☑ Suitable for outdoor/indoor applications

**RoHS**

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | 4 055626 070186 |
| GTIN | 4055626070186 |
| Weight per Piece (excluding packing) | 372.000 g |
| Weight per piece (including packing) | 416.900 g |
| Custom tariff number | 85177100 |
| Country of origin | United Kingdom |
| Sales Key | M1 - Communication Techn. |
| Note | Made to Order (non-returnable) |

## Technical data

### Dimensions

| Caption | Wall mounting |
|---|---|
| Height | 82 mm |
| Diameter | 48 mm |
| Fixed cable length | 5.00 m |

### Ambient conditions

| Degree of protection | IP65 |
|---|---|
| Ambient temperature (operation) | -40 °C ... 80 °C |

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## Technical data

### General

| With connecting cable | yes |
|---|---|
| Frequency range | 700 MHz |
| | 800 MHz |
| | 850 MHz |
| | 900 MHz |
| | 1700 MHz |
| | 1800 MHz |
| | 1900 MHz |
| | 2100 MHz |
| | 2600 MHz |
| | 3600 MHz |
| Polarization | vertical |
| Impedance | 50 Ω |
| Gain | 3 dBi (698 ... 960 MHz) |
| | 5 dBi (1710 ... 2700 MHz) |
| | 8 dBi (3400 ... 3800 MHz) |
| Connection method | SMA (male) |
| Fixed cable length | 5.00 m |
| Material | ASA (Antenna housing) |
| Mounting type | Wall mounting |
| | Mast mounting |

### Environmental Product Compliance

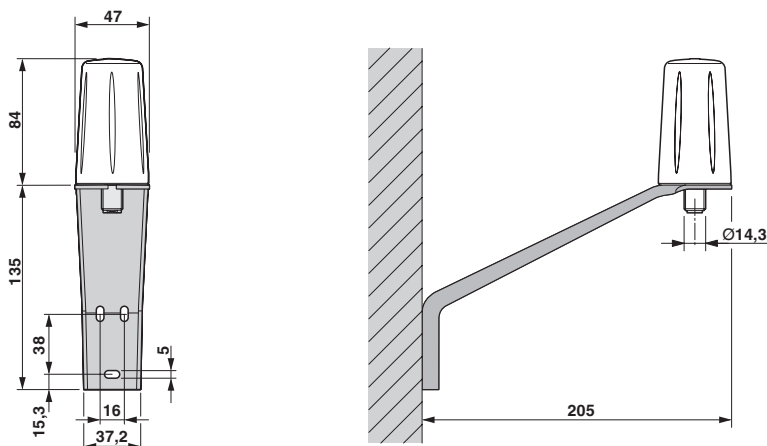| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|---|---|
| | No hazardous substances above threshold values |

## Drawings

Schematic diagram
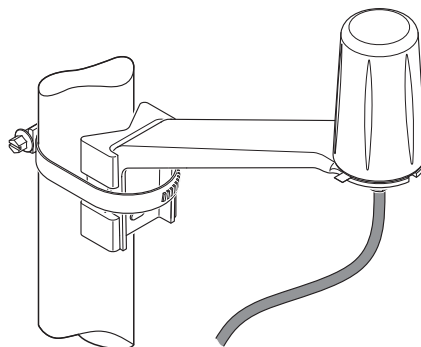


Mast mounting

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Dimensional drawing



Wall mounting

## Classifications

### eCl@ss

| eCl@ss 10.0.1 | 19070105 |
|---|---|
| eCl@ss 11.0 | 19070105 |
| eCl@ss 5.0 | 19070100 |
| eCl@ss 5.1 | 19070100 |
| eCl@ss 6.0 | 19070100 |
| eCl@ss 7.0 | 19070105 |
| eCl@ss 9.0 | 19070105 |

### ETIM

| ETIM 6.0 | EC001698 |
|---|---|
| ETIM 7.0 | EC001698 |

### UNSPSC

| UNSPSC 18.0 | 43221715 |
|---|---|
| UNSPSC 19.0 | 43221715 |
| UNSPSC 20.0 | 43221715 |
| UNSPSC 21.0 | 43221715 |

## Accessories

Accessories

Cellular router

# Antenna - TC ANT MOBILE WALL 5M - 2702273

## Accessories

### Router - TC ROUTER 4002T-4G EU - 1234352

Industrial 4G LTE router, EU device, 3G (UMTS/HSPA) and 2G (GPRS/EDGE) fallback, 2-port switch, firewall, NAT, IPsec and OpenVPN support, 4 DI, 2 DO

### Router - TC ROUTER 4102T-4G EU WLAN - 1234353

Industrial 4G LTE router, EU device, 3G (UMTS/HSPA) and 2G (GPRS/EDGE) fallback, WLAN access point 802.11a/b/g/n, 150 Mbps, 2.4 GHz + 5 GHz, 2-port switch, firewall, NAT, IPsec and OpenVPN support, 4 DI, 2 DO

### Router - TC ROUTER 4202T-4G EU WLAN - 1234354

Industrial 4G LTE router, EU device, 3G (UMTS/HSPA) and 2G (GPRS/EDGE) fallback, WLAN access point 802.11a/b/g/n, 150 Mbps, 2.4 GHz + 5 GHz, 2-port switch, firewall, NAT, IPsec and OpenVPN support, 2 DI, 1 DO, RS-232/RS-485

### Router - CLOUD CLIENT 2002T-4G EU - 1234355

Industrial VPN gateway for mGuard Secure Cloud, IPsec communication via 4G (LTE), EU device, 2-port switch, antenna connections: 2 SMA cellular communication, 4 DI, 2 DO

### Router - CLOUD CLIENT 2102T-4G EU WLAN - 1234357

Industrial VPN gateway for mGuard Secure Cloud, IPsec communication via 4G (LTE), EU device, WLAN access point 802.11a/b/g/n, 150 Mbps, 2.4 GHz + 5 GHz, 2-port switch, antenna connections: 2 SMA cellular communication, 2 RSMA WLAN, 4 DI, 2 DO

# Antenna - TC ANT MOBILE WALL 5M - 2702273

## Accessories

### Router - TC ROUTER 3002T-4G - 2702528

Industrial LTE 4G router, European version, fallback to 3G UMTS/HSPA and 2G GPRS/EDGE, 2 Ethernet interfaces, firewall, NAT, IPsec and OpenVPN support, 2x SMA-F antenna socket, SMS and e-mail transmission, 2 digital inputs, 1 digital output

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### Router - TC ROUTER 2002T-4G - 2702530

Industrial LTE 4G router, European version, fallback to 3G UMTS/HSPA and 2G GPRS/EDGE, 2 Ethernet interfaces, firewall, NAT, 2x SMA-F antenna socket, SMS and e-mail transmission, 2 digital inputs, 1 digital output

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### Router - TC CLOUD CLIENT 1002-4G - 2702886

Industrial VPN gateway for mGuard Secure Cloud, IPsec communication via 4G (LTE), European version, 2-port switch, 1 digital input, 1 digital output

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## Coaxial cable

### Antenna cable - PSI-CAB-GSM/UMTS-10M - 2900981

Cellular antenna cable, 10 m in length, SMA (male) -> SMA (female), 50 ohm impedance

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### Antenna cable - PSI-CAB-GSM/UMTS- 5M - 2900980

Cellular antenna cable, 5 m in length, SMA (male) -> SMA (female), 50 ohm impedance

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## Security router for the DIN rail

# Antenna - TC ANT MOBILE WALL 5M - 2702273

## Accessories

### Router - TC MGUARD RS4000 4G VPN - 2903586

Security appliance, WAN and 4G cellular interface, SD card slot, 10 VPN tunnels, intelligent firewall with full scope of functions, router with NAT/1:1 NAT, optional CIFS Integrity Monitoring, 4-port Managed Switch, 2 SIM card slots, GPS receiver

### Router - TC MGUARD RS2000 4G VPN - 2903588

Security appliance with 4G cellular interface, SD card slot, 2 VPN tunnels, firewall for easy configuration, router with NAT/1:1 NAT, 4-port switch, 2 SIM card slots, GPS receiver

## Signaling system

### SMS relay - TC MOBILE I/O X200 - 2903805

SMS relay and signaling module, monitor analog and digital values via cellular network and switch relay outputs remotely, communication via SMS and GPRS (e-mail transmission, app), supply voltage range 10 V ... 60 V AC

### SMS relay - TC MOBILE I/O X200 AC - 2903806

SMS relay and signaling module, monitor digital values via cellular network and switch relay outputs remotely, communication via SMS and GPRS (e-mail transmission, app), supply voltage range 93 V ... 250 V AC.

### Signaling system - TC MOBILE I/O X300 - 2903807

Compact signaling system for cellular networks to monitor analog and digital values as well as to switch relay outputs remotely. Communication is via the ODP protocol to an ODP server using GPRS. Supply voltage range of 10 V ... 60 V DC.

# Antenna - TC ANT MOBILE WALL 5M - 2702273

## Accessories

Signaling system - TC MOBILE I/O X300 AC - 2903808

Compact signaling system for cellular networks to monitor digital values as well as to switch relay outputs remotely. Communication is via the ODP protocol to an ODP server using GPRS. Supply voltage range of 93 V ... 250 V AC.