

# TC ANT MOBILE/GPS - Antenna



2903590

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Combined cellular GPS antenna with omnidirectional characteristic, 2 m antenna cable with SMA round plug (GSM/UMTS) and R-SMA round plug (GPS)



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2903590       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DN23          |
| Product key                          | DNC4Z1        |
| GTIN                                 | 4046356757546 |
| Weight per piece (including packing) | 133.6 g       |
| Weight per piece (excluding packing) | 126.8 g       |
| Customs tariff number                | 85177100      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                           |                       |
|---------------------------|-----------------------|
| Product type              | Antenna               |
| Radiation characteristics | Omnidirectional       |
| Gain                      | 5 dBi (800/900 MHz)   |
|                           | 3 dBi (1800/1900 MHz) |
|                           | 1 dBi (2100 MHz)      |
|                           | 25 dBi (GPS)          |
| Polarization              | Linear vertical       |

### Electrical properties

|                  |                     |
|------------------|---------------------|
| Frequency band   | 900 MHz             |
|                  | 1900 MHz            |
|                  | 1800 MHz            |
|                  | 850 MHz             |
|                  | 2100 MHz            |
| Frequency range  | 800 MHz ... 900 MHz |
|                  | 1.8 GHz ... 1.9 GHz |
|                  | 2.1 GHz             |
| Impedance        | 50 $\Omega$         |
| Maximum capacity | 10.00 W             |

### Connection data

|                       |            |
|-----------------------|------------|
| Connection technology |            |
| Connection method     | SMA (male) |

### Dimensions

|          |       |
|----------|-------|
| Height   | 23 mm |
| Diameter | 76 mm |

### Material specifications

|       |                  |
|-------|------------------|
| Color | black (RAL 9005) |
|-------|------------------|

### Cable/line

|                                             |         |
|---------------------------------------------|---------|
| Cable length                                | 2.00 m  |
| Connecting cable                            | yes     |
| External cable diameter                     | 2.70 mm |
| Smallest bending radius, fixed installation | 15 mm   |

### Environmental and real-life conditions

|                      |                   |
|----------------------|-------------------|
| Ambient conditions   |                   |
| Degree of protection | IP69K (Assembled) |

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|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

## Mounting

|               |                 |
|---------------|-----------------|
| Mounting type | Control cabinet |
|---------------|-----------------|

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