

# On-Glass Tetra Antenna

Mobile glass mounted  $1/2 \lambda$  stripline antenna

Mobile glass mounted  $1/2 \lambda$  stripline Tetra antenna. Mounted inside vehicles

- Broadband design covering the entire Tetra band
- Comes in two versions A & B
- Covert and tamper proof
- Low profile design
- Easy mounting with the included adhesive tape
- Removeable without use of tools

## ELECTRICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Frequency             | A: 380 - 430 MHz<br>B: 430 - 470 MHz                      |
| Bandwidth             | A: 50 MHz<br>B: 40 MHz                                    |
| Antenna Type          | End-fed full $1/2 \lambda$ dipole - no groundplane needed |
| Impedance             | 50 ohm  |
| Vswr                  | < 3.0:1   |
| Polarisation          | Linear  |
| Gain                  | 0 dBd, 2.1 dBi  |
| Max. Input Power      | 50 W  |
| Antistatic Protection | Direct Ground (DC-short)                                  |



## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | Black  |
| Weight                | 24 g   |
| Mounting              | With adhesive tape   |
| Mounting Place        | Inside vehicle on screen   |
| Mounting Instruction  | Clean screen with the supplied cleaning pad. Place antenna vertically. Min. installation temp. +20C. |
| Materials             | PCB, PE and PVC  |
| Operating Temperature | -40C - +70C  |
| Connector             | SMA-male (Other connector types available)   |
| Cable                 | 3 m RG174 black (Other lengths available)  |
| Dimensions            | 290 x 21.5 x 1.5 mm (LxWxH)  |

## ORDERING INFORMATION

|           |   |
|-----------|---|
| 45101-000 | A: 380-430 MHz, Antenna with 3 m cable + SMA-male)              |
| 45101-001 | A: 380-430 MHz, Antenna with 3 m cable + SMA-male - in Polybag) |
| 45102-000 | B: 430-470 MHz, Antenna with 3 m cable + SMA-male)              |
| 45102-001 | B: 430-470 MHz, Antenna with 3 m cable + SMA-male - in Polybag) |

## PACKAGING INFORMATION

|        |   |
|--------|---|
| Type   | Bulk packing or individually packing in Polybag |
| weight | Approx. 100 g                                   |

