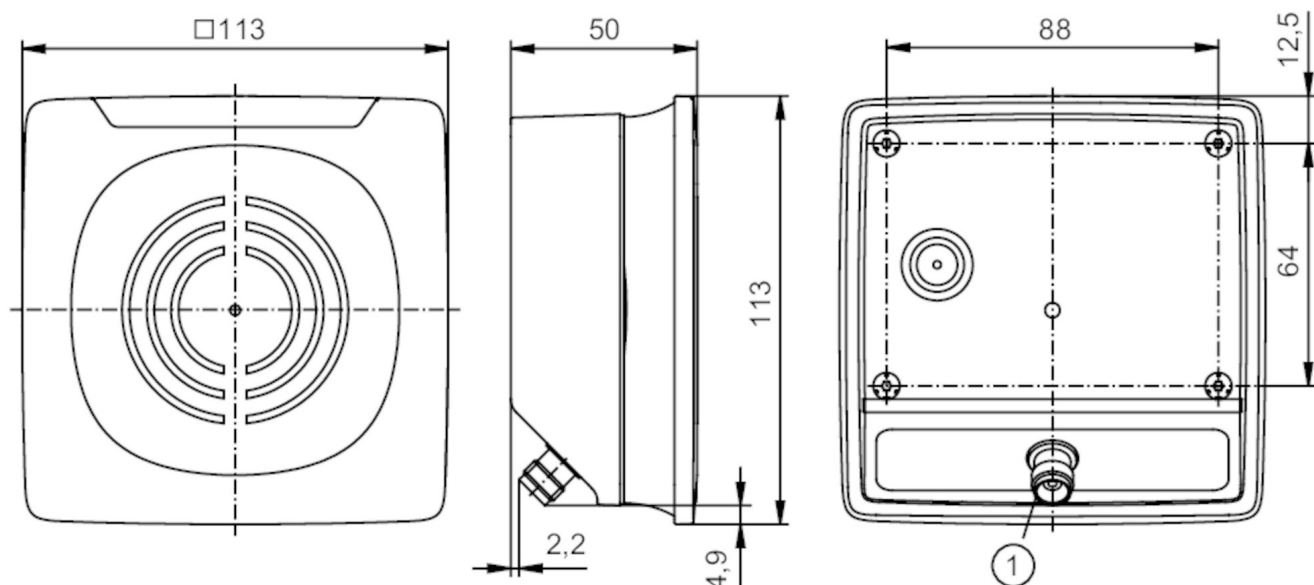


# ANT970



## RFID UHF antenna

DTRUHFA\_HLRWKOTN04



### Application

Application supports antenna detection

### Electrical data

|                              |        |                    |
|------------------------------|--------|--------------------|
| Operating frequency          | [MHz]  | 902...928 (FCC)    |
| Antenna connections          |        | 1; (TNC socket)    |
| Max. permissible input power | [dBm]  | 30; (FCC 15.247)   |
| Polarization                 |        | RHCP               |
| Transmission power EIRP      | [mW]   | 29.5; (FCC 15.247) |
| Antenna gain                 | [dBic] | 2.5                |
| Axial ratio                  | [dB]   | 1                  |
| Impedance                    | [Ω]    | 50                 |

### Monitoring range

|                   |     |     |
|-------------------|-----|-----|
| Angle of aperture | [°] | 120 |
|-------------------|-----|-----|

### Operating conditions

|                     |      |               |
|---------------------|------|---------------|
| Ambient temperature | [°C] | -40...70      |
| Storage temperature | [°C] | -40...85      |
| Protection          |      | IP 67; IP 69K |

### Tests / approvals

|      |         |      |
|------|---------|------|
| MTTF | [years] | 6815 |
|------|---------|------|

### Mechanical data

|            |      |                                                                            |
|------------|------|----------------------------------------------------------------------------|
| Weight     | [g]  | 409.537                                                                    |
| Housing    |      | rectangular                                                                |
| Dimensions | [mm] | 113 x 113 x 50                                                             |
| Material   |      | housing: aluminum; TNC connector: brass / PTFE; Protective cover: plastics |

### Remarks

|               |  |        |
|---------------|--|--------|
| Pack quantity |  | 1 pcs. |
|---------------|--|--------|