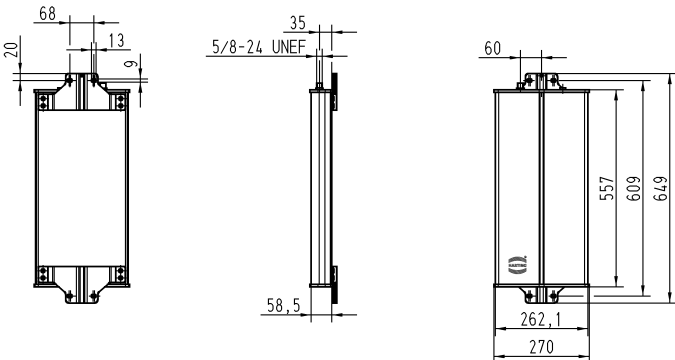




Ha-VIS RF-ANT-WR80-30-EU

Planar RFID antenna

| Identification | Part number | Drawing | Dimensions in mm |
|---|----------------|---|------------------|
| Ha-VIS RF-ANT-WR80-30-EU | 20 93 201 0203 |  | |
| Recommended accessories | | | |
| Antenna cables | | | |
| Ha-VIS Coax ... | | | |
| ... SMA-N, LL240flex | 3 m | 20 93 204 0104 | |
| ... SMA-N, LL240flex | 10 m | 20 93 204 0105 | |
| ... TNC-N, RG213 | 3 m | 20 93 204 0106 | |
| ... TNC-N, RG213 | 10 m | 20 93 204 0107 | |
| Ha-VIS SMA TNC Adapter (necessary to connect RG213 cable to Ha-VIS RF-R500) | | 20 93 204 0301 | |
| Antenna mounting kit | | | |
| Ha-VIS RF-MOUNT-ANT-B | | 20 93 102 0104 | |

All data represent the current state of development at the time of print and are therefore non-binding.

HARTING reserves the right to modify designs without prior notice.

Technical characteristics

Electric properties

| | |
|---------------------------------|------------------------------|
| Frequency range | 865 ... 870 MHz |
| Impedance | 50 Ohm |
| VSWR | < 1.2:1 |
| Polarisation | Circular |
| Gain | 11.0 dBic |
| Far field half-power beam width | 30° vertical, 70° horizontal |
| Front to back ratio | > 20 dB |
| Axial ratio | < 2 dB |
| Max. power (ETSI EN 302 208) | 2 W ERP |
| Connection | N (female) |

Mechanical properties

| | |
|-----------------------------|---|
| Dimensions (B x H x T) | 557 x 262 x 59 mm (without mounting clamps) |
| Weight | 3.7 kg |
| Degree of protection | IP 65 |
| Antenna cover | Fiberglass radome (UV resistance) |
| Colour | Grey |
| Chassis | Stainless steel |
| Plate patch | Brass tin-plated |
| Antenna support | Aluminium |
| Installation | (see recommend accessories) |
| Operating temperature range | -20 °C ... +65 °C |
| Storage temperature range | -40 °C ... +85 °C |