



## Ha-VIS RF-ANT-WR80-30-US Planar RFID antenna

Identification	Part number	Drawing	Dimensions in mm
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Ha-VIS RF-ANT-WR80-30-US	20 93 201 0204		
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	902 ... 928 MHz
Impedance	50 Ohm
VSWR	< 1.2:1
Polarisation	Circular
Gain	10.5 dBic
Far field half-power beam width	30° vertical, 70° horizontal
Front to back ratio	> 20 dB
Axial ratio	< 2 dB
Max. input power (FCC15.247)	700 mW (28.5 dBm) conducted for a max. radiated power of 4 W EIRP
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