

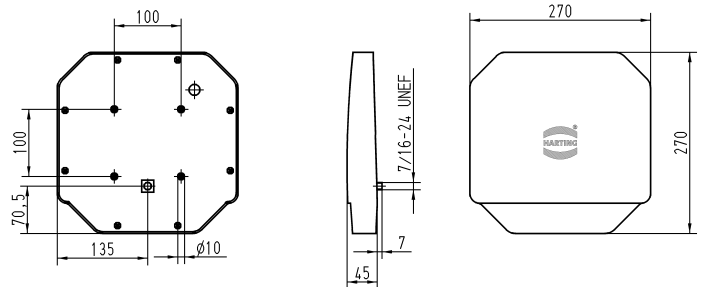


## Ha-VIS RF-ANT-WR30-US Planar RFID antenna

Identification	Part number	Drawing	Dimensions in mm
----------------	-------------	---------	------------------

Ha-VIS RF-ANT-WR30-US			
-----------------------	--	--	--

	20 93 201 0103		
--	----------------	--	--



### Recommended accessories

#### Antenna cables

##### Ha-VIS Coax ...

... SMA-TNC, RG58	3 m	20 93 204 0101
... SMA-TNC, LL240flex	3 m	20 93 204 0102
... SMA-TNC, LL240flex	10 m	20 93 204 0103

#### Antenna mounting kit

Ha-VIS RF-MOUNT-ANT-C	20 93 102 0105
-----------------------	----------------

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 MHz ... 928 MHz
Impedance	50 Ohm
VSWR	< 1.2:1
Polarisation	Circular
Gain	8.3 dBic @ 915 MHz
Far field half-power beam width	69°
Front to back ratio	> 18 dB
Axial ratio	typ. 1 dB
Max. power (FCC 15.247)	4 W EIRP
Connection	TNC socket

### Mechanical properties

Dimensions (B x H x T)	270 x 270 x 45 mm
Weight	1.7 kg
Degree of protection	IP 65
Antenna cover	Tough, weather-resistant polymer blend
Colour	RAL 7045 (light grey)
Chassis	Aluminium
Installation	Four M5 drill holes 100 x 100 mm
Operating temperature range	-20 °C ... +55 °C
Storage temperature range	-40 °C ... +85 °C