Ha-VIS RF-ANT-LR10

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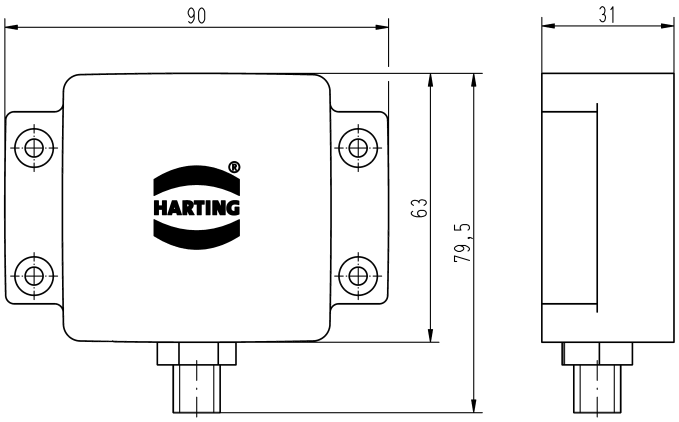
Planar RFID antenna

Identification		Part number
Ha-VIS RF-ANT-LR10		20 93 201 0303
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

Drawing

Dimensions in mm



Technical characteristics

Electric properties

Frequency range	865 ... 928 MHz
Gain	-30 dBi
EIFF *	15 dB
VSWR	< 1.2:1
Impedance	50 Ohm
Range of near field tags **	3 cm
Selectivity of near field tags **	3 cm
Range for far field tags **	8 cm
Selectivity for far field tags**	10 cm
Max. input power	1 W (compliant to FCC)
Connection	TNC socket

Mechanical properties

Dimensions (B x H x T)	90 x 63 x 31 mm
Weight	0.1 kg
Degree of protection	IP 67
Antenna cover	Tough, weather-resistant polymer blend
Colour	RAL 7045 (light grey)
Installation	Four through-holes diameter 4.2 mm for M4 screws
Operating temperature range	–20 °C ... +55 °C
Storage temperature range	–40 °C ... +85 °C

* ... The Effective Isotropic Field Factor (EIFF) shows the field isolation from far field to near field standardized to an isotropic radiator. The values were determined with 3 cm spacing.

** ... dependent upon transmission power and tag typ

HARTING Electric GmbH & Co. KG
Wilhelm-Harting-Straße 1 | D-32339 Espelkamp | P.O.Box 14 73 | D-32328 Espelkamp
Phone: +49 5772 47-97 100 | Fax: +49 5772 47-97 688 | RFID@HARTING.com | www.HARTING-RFID.com

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