

4G-Antennas - WAO-GULOK-2H250-SMAM0

DATASHEET



4G-GLASS ADHESIVE ANTENNA FOR VEHICLE OR CONTROL CABINET APPLICATIONS

The WAO-GULOK-2H250-SMAM0 LTE antenna is a flexible indoor antenna for adhesive mounting. It can be used worldwide and offers a good antenna performance. Due to the adhesive mounting it is optimally suited for vehicle windows or mounting in plastic switch cabinets.

- 4G Glass adhesive Antenna for vehicle or control cabinet applications
- Good transmission characteristics in all worldwide 4G networks
- Perfectly suited for elevator or control cabinet applications

MODELS	DESCRIPTION	ANTENNA CONNECTOR	ANTENNA CABLE
WAO-GULOK-2H250-SMAM0	Glass adhesive antenna for 4G frequencies	SMA (m)	2.5 m (RG 174)

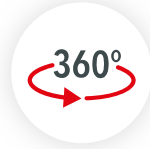
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PRODUCT FEATURES



4G/LTE support

Supports all 4G/LTE frequency bands.



Omnidirectional antenna

Omnidirectional radiation characteristic ideal for most applications.



Frequency range

This antenna offers 698 - 960 MHz and 1.710 - 2.700 MHz frequency range.



Antenna gain

2 dBi antenna gain.

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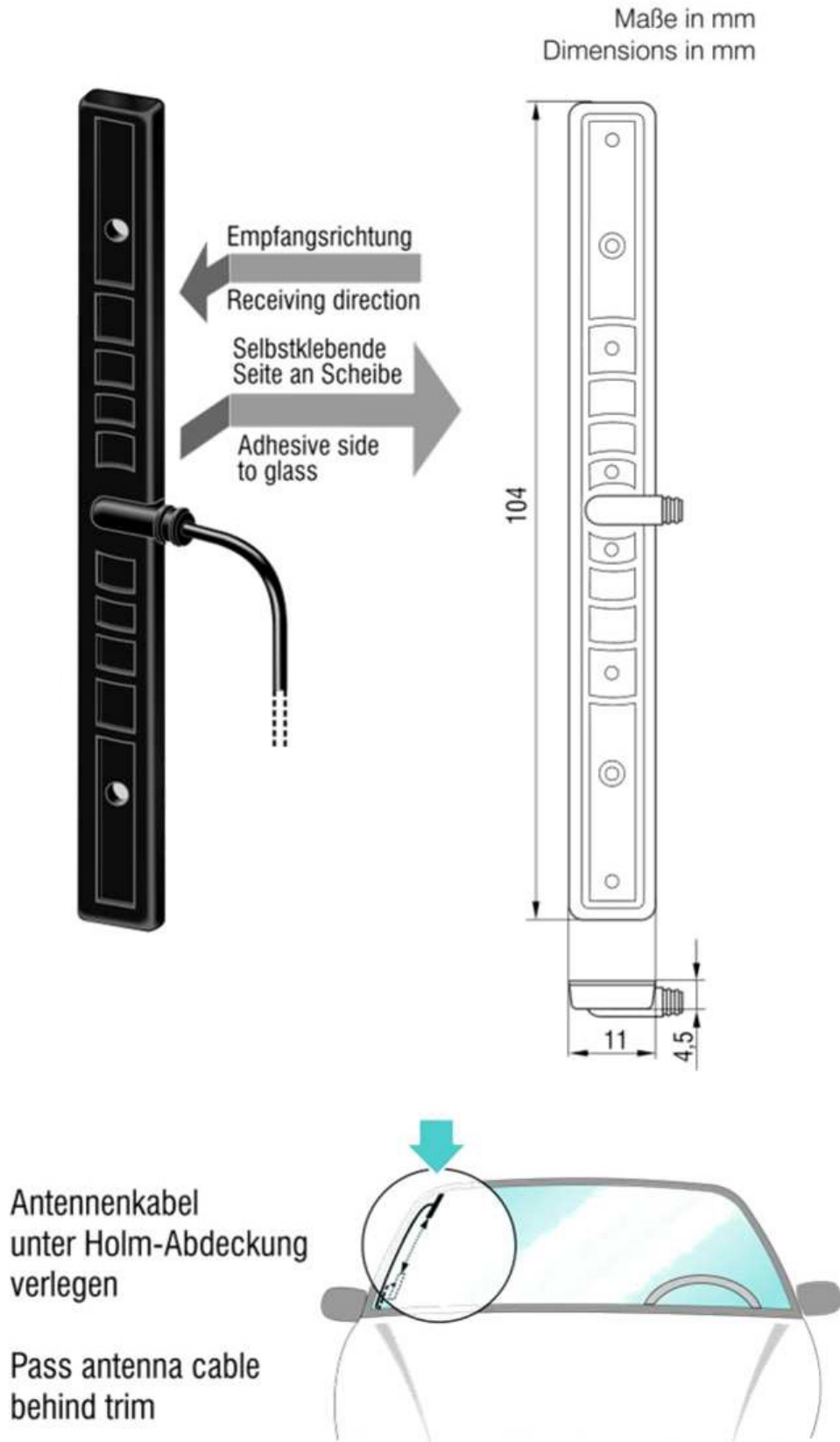
SPECIFICATIONS

WAO-GULOK-2H250-SMAM0	
Antenna elements	1 x 4G
Frequency range	698-960/1710-2700MHz
Antenna gain	2 dBi
Antenna cable	2.5 m (RG 174)
Antenna connector	SMA(m)
Compatible with	GSM/GPRS/EDGE, UMTS, 4G, WIFI (2.4 GHz), Bluetooth, Zigbee, LoRa, Sigfox, 869 MHz

GENERAL INFORMATION	
Antenna type	4G-Antenna
Construction type	Adhesive antenna
Application area	Indoor
Radiation characteristic	Omnidirectional
Integrated Antenna elements	1 x 4G
Groundplane needed?	No
GSM/GPRS/EDGE- frequencies	850 / 900 / 1800 / 1900 MHz
4G-frequencies	700 / 800 / 1800 / 2100 / 2600 MHz
WiFi-frequencies	2.4 GHz
License-free bands	869 MHz range
Gain (typical)	2 dBi
VSWR	<1.5:1
ELECTRICAL CHARACTERISTICS	
Transmission power (max)	10 W
Impedance	50 Ohm
Polarization	Vertical
PHYSICAL CHARACTERISTICS	
Dimensions	104 x 11 mm (length x width)
Mounting options	Adhesive mounting
Operating temperature range	-40 - +85°C

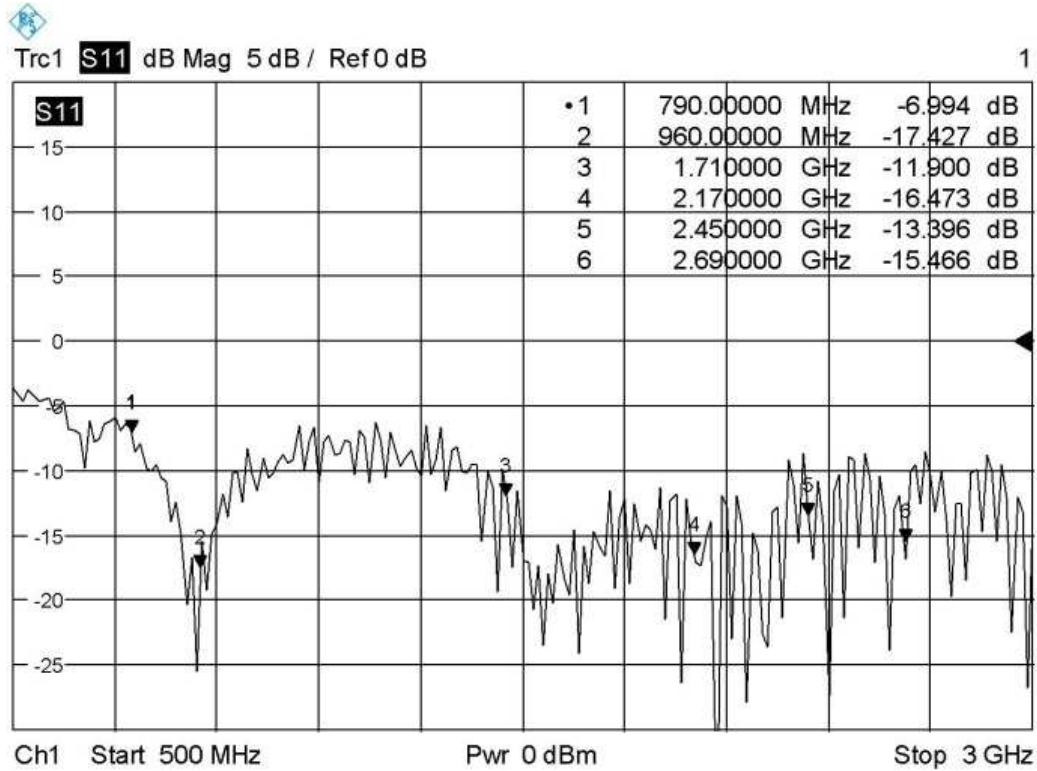
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PRODUCT DIMENSIONS (MM)



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RADIATION PATTERN



ACCESSORIES ANTENNA CABLE



Antenna cable - Configurator

With the Welotec cable configurator it is easy, to find the right coax cable for your needs.

Choose your desired cable from a large selection on cable types and combine it with the suitable connection.

Available connections:

SMA, RP-SMA, TNC, RP-TNC, BNC, N

Available cable types:

RG174, RF195, Aircell 5, RG58, RG223, H155 PE, Aircell 7