

## Datasheet

GLONASS/GPS Ceramic Patch Antenna

**GLONASS 9 M**  
**Erz.-Nr. / Ord. code**  
**t.b.d.**

### Magnethaft-Antenne Magnetic Mount Antenna

- Für Innen- und Aussenmontage am Kfz
- Für Fahrzeug-Navigations-Systeme, Flottenmanagement-Systeme, Verkehrsführungs-Systeme und Fahrzeugortung
- For interior and exterior mounting at vehicles
- For Car Navigation Systems, Fleet Management Systems, Traffic Guidance Systems, and Vehicle Location



#### Electrical Properties

##### *GLONASS/GPS*

Parameter	Specification	Remark
Frequency Range	GLONASS: 1602,0 - 1614,94 MHz GPS: 1575,42 MHz	
Impedance	50 Ohm	
Return Loss (Output)	< 2,5	
Polarization	RHCP	
Gain	typ. 2 dBic	at 90° Elevation
Amplification	typ. 27±1 dB	
Noise Figure	typ. 1.4 dB	
Voltage Supply	2,7 V - 5,5 VDC	remote fed by GLONASS/GPS receiver through signal cable
Current Consumption	≤ 13 mA @ 5 V ± 0.5 V	
Cable Type	RG 174	
Cable Length	3000 ± 50 mm	Other length on request
Connector	FAKRA female, Code C, blue	Other connector types on request

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Mechanical Properties

Parameter	Specification	Remark
Maximum Package Outline	38 x 34 x 15,5 mm (LxWxH)	
Weight	70 g	
Housing Protection Class	IP66 (acc. IEC 60529)	

Environmental Properties

Parameter	Specification	Remark
Operational Temperature Range	-40°C – + 80°C	
Storage temperature range	-40°C .-. +85°C	

**Technische Zeichnungen**  
**Technical drawings**

