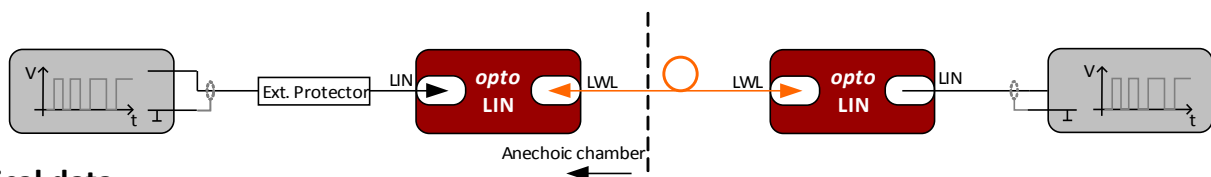


### Field of application and characteristics

The **optoLIN** system can be used for the optical transmission of LIN signals with transmission rates of up to 20kbit/s. It consists of two identical battery supplied transceivers connected to each other with an optical fiber. With the optical transmission and the shielded case, the system is well equipped for EMI and EME tests.



### Application



### Technical data

Channels:	1
Connectors:	Sub-D 9 or custom made
Data rate:	up to approx. 20kbit/s
LIN transceiver:	TJA 1021
Input impedance:	30k $\Omega$ /220pF (slave) und 1k $\Omega$ /1nF (master)
Power supply:	5 NiMH cells with 4 Ah; >20h; five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm aluminum case with rubber protectors
Weight:	approx. 800g
Misc.:	internal 12V/24V or external Vbat up to 24 V optional external battery pack / supply available external filter depending on application 19" rack mount or ST optical fiber connectors available on request

### Optical fiber

Connector / Type:	FSMA / duplex-multimode fiber 62,5/125 $\mu$ m
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