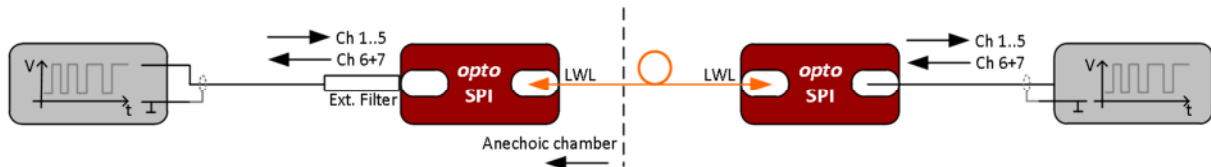


Field of application and characteristics

The **optoSPI** system can be used for the bidirectional optical transmission of SPI signals with transmission rates of up to 1Mbit/s. It consists of two battery supplied transceivers connected to each other with an optical fiber. With the optical transmission the shielded case and the external filter, the system is well equipped for EMI and EME tests.



Technical data

Signals:	up to 5 in each direction
Connectors:	SUB-D 15; Pin-configuration 1:1; that is optical link can be replaced by SUB-D extension cable for functional tests
Transmission rate:	up to 1Mbit/s (depending on timing conditions)
Power supply:	5 NiMH cells with 4 Ah; >10h; five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm chromated aluminum case
Weight:	approx. 800g
Misc.:	optional external battery pack / supply available (4Ah) optional anodized aluminum case with rubber protectors optional smaller case (with smaller batteries) available optional simplex-multimode fiber available external filter fit to customer requirements

Optical fiber

Connector / Type:	FSMA / Duplex-multimode fiber 62,5/125 μ m
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