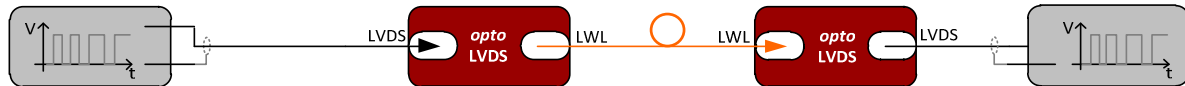


Field of application and characteristics

The **optoLVDS-1-ds** system can be used for the optical transmission of single-channel LVDS signals with data rates of up to 1500Mbit/s. It consists of a battery supplied transmitter and receiver 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.



Technical data

Channels:	single-channel mode
Coding:	for use with DS90UR124/241-chipset or independent direct mode
I/O connector:	Rosenberger HSD
Data rate:	max. 1500Mbit/s
Input impedance:	100Ω
Power supply:	4 NiMH cells with 4 Ah; 14-20h; five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm aluminum case with rubber protectors
Weight:	approx. 800g
Misc.:	optional external battery pack / supply available

Optical fiber

Connector / Type:	FSMA / simplex-multimode fiber 62,5/125μm
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