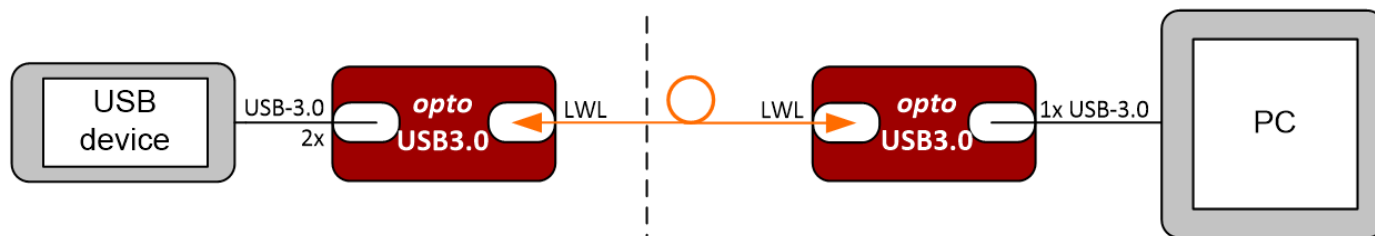


Field of application and characteristics

The **optoUSB-3.0** system can be used for the optical transmission of USB-signals up to a data rate of 5Gbit/s according to USB3.0 standard. It can be used to transmit USB-signals over long distances (up to 50m) or to handle ground potential problems. With the optical transmission and the shielded case, the system is well equipped for EMI and EME tests.



Application



Technical data

Connectors:	2x USB-3.0 port (hub); 1x USB-3.0 (PC-connection)
Data rate:	up to approx. 5Gbit/s (USB3.0, not backward compatible to USB2.0/1.1)
Power supply:	Hub side: 7 NiMH cells with 4 Ah; 2-10h depending on power consumption of devices at USB ports; five-poled charge plug PC side: powered by PC; battery or power supply available on request
Case dimensions:	150mm x 100mm x 65mm aluminum case with rubber feet
Weight:	approx. 1000g
Misc.:	optional shielded external battery pack (BP84 – 8.4V) to enhance test time

Optical fiber

Connector / Type: FSMA / duplex-multimode fiber 62.5/125µm