

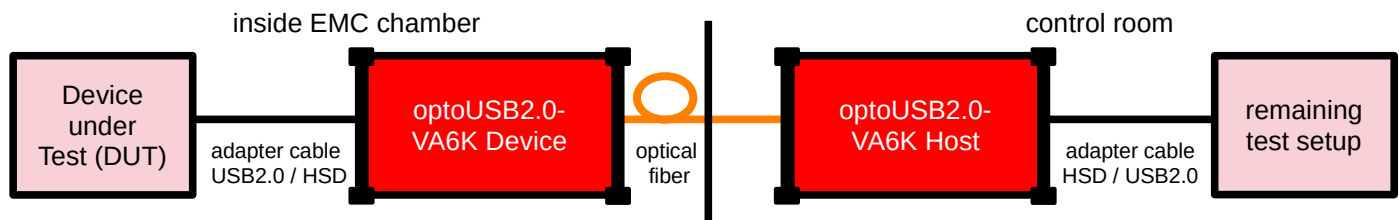
Field of application and characteristics

The *optoUSB2.0-VA6K* system is a digital bidirectional optical transmission device for USB2.0 signals. It is based on the Valens VA6000 chipset and is capable of role reversal function.

There is no radio or RF transmitter or comparable integrated in this equipment. It uses optical transmission on a fiber to avoid emissions and susceptibility of electric, magnetic, or electromagnetic fields. The system is used for the transmission and supervision of signals during EMC functional tests.



Application



Technical data

Channels:	1x USB2.0
Data rate:	480 Mbps
Data direction:	bidirectional
Signal I/O connector:	Rosenberger HSD
Power supply:	built-in batteries 4 Ah, consisting of 10x NiMH cells operating time with fully charged batteries: approx. 20 h (without load)
Case dimensions:	136 mm x 86 mm x 85 mm; aluminium with rubber protection
Weight:	approx. 1250 g (one device)

Optical fiber

Connector / Type:	FSMA / 1x duplex multimode fiber 62.5/125 µm
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Options

- external power pack (4 Ah or 10 Ah, consisting of 10x NiMH cells) for run time enhancement
- various adapter cables and assembled / customized solutions
- push-pull charge connector (advantage: save setup time)
- ...
- For further information please contact our colleagues from the sales team