

Field of application and characteristics

The **opto1394** system can be used for the optical transmission of IEEE1394/Firewire-signals at transmission rates of up to 400Mbit/s (800Mbit/s at 1394b). 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.



Technical data

Channels:	1 optical channel
Connectors:	IEEE1394 (different types)
Data rate:	max. 400Mbit/s (800Mbit/s available on request)
Power supply:	5 NiMH cells with 4 Ah; >15h; 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 / multimode fiber 62,5/125µm
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