OSE 150-2 set

Optical Fiber Probe 2-Channel, 50 Mbps

Short description

With the OSE 150-2 set it is possible to potentially free oscilloscograph digital signals under EFT/burst interference. Disturbed signals from the device under test can be easily detected.
The set consists of two single sensors which are used to detect two digital signals within the device under test. It is connected via two fiber optical cables and two receivers to the oscilloscope. Inside the device under test a sensor transforms measured logical signals into light signals. Different types of sensors with different measuring ranges are available for the detection of logical signals in the device under test. The light signals are transmitted to the optical receiver via a fiber optical cable. The receiver transforms them into digital electric signals. These can be visualized with an oscilloscope or can be used to control other devices. The system is suitable for signal monitoring from an anechoic chamber, a shielded RF chamber, or in an EMC test lab. Hard- and software can be EMC-optimized.

Scope of delivery

2x OE 150, Optical Receiver
2x S25, Optical Sensor (50 Mbps)
2x LWL Ø 2.2 mm 6 m, Optical Fiber, Single 6 m
1x NT FRI EU, Power Supply Unit
1x OSE 150-2 acc, Accessories
1x OSE 150-2 case, System Case
1x Digital m, OSE User Manual

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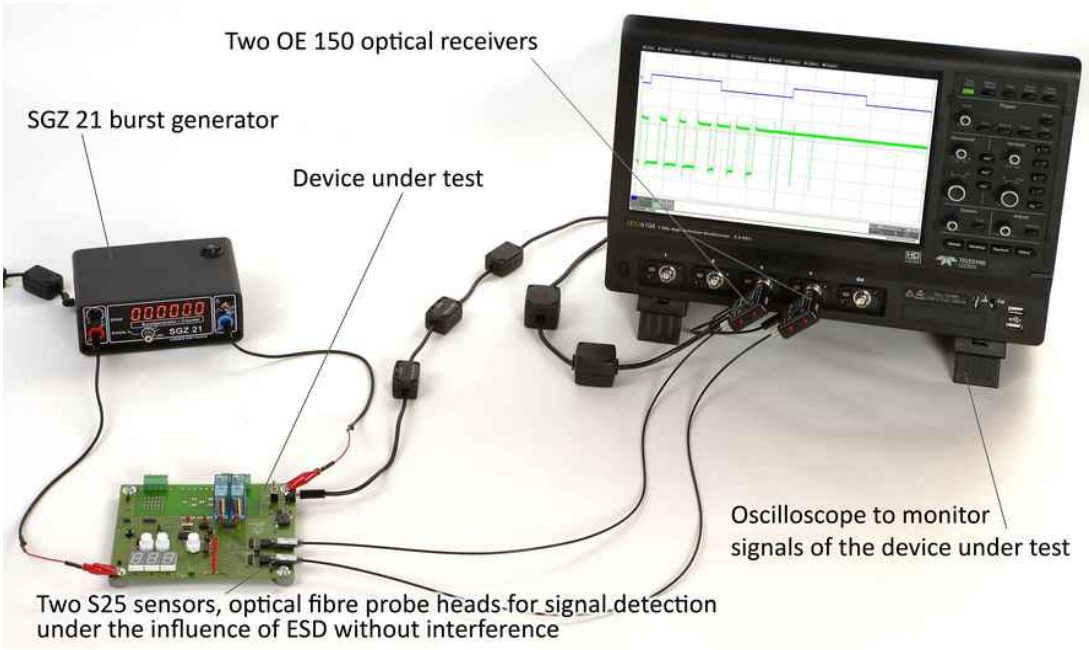
LANGER EMV-Technik

Technical parameters

OE 150 Optical Receiver	
Transmission range	DC ... 50 Mbps
Optical fibre connector	Ø 2.2 mm
Supply voltage	12 V / 100 mA
Optical fibre length	1 m - 20 m
Connector - output	BNC-Stecker, 5 V HCMOS
S25 Optical Sensor	
Transmission range	DC ... 50 Mbps
Optical fibre connector	Ø 2.2 mm
Supply voltage	3 V ... 5 V
Current input	30 mA

Application with OSE 150-2 set and shielding tent

Application wit OSE 150-2 set and SGZ 21



Application with optical sensor S25

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