OSE 150-1 set

Optical Fiber Probe 1-Channel, 50 Mbps



Short description

The OSE 150-1 set is used to transmit digital signals from a disturbed device under test (EFT/burst interference). The set consists of one sensor which detects logical signals and transforms them into optical signals. 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 for the control of other devices.
The light signals are transmitted to the optical receiver via a fiber optical cable. The system is suitable for signal monitoring from a anechoic chamber, a shielded RF chamber or in an EMC test lab. The optical transmission system allows EMC-optimizing of hard- and software, because disturbed signals can be easily detected.

Scope of delivery

1x OE 150, Optical Receiver
1x S25, Optical Sensor (50 Mbps)
1x LWL Ø 2.2 mm 1.5 m, Optical Fiber Single 1.5 m
1x NT FRI EU, Power Supply Unit
1x OSE 150-1 acc, Accessories
1x OSE 150-1 case, System Case
1x Digital m, OSE User Manual

Sales Partner:
ABSOLUTE EMC Llc.
Covering sales in North America
United States, Mexico, & Canada
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Technical parameters

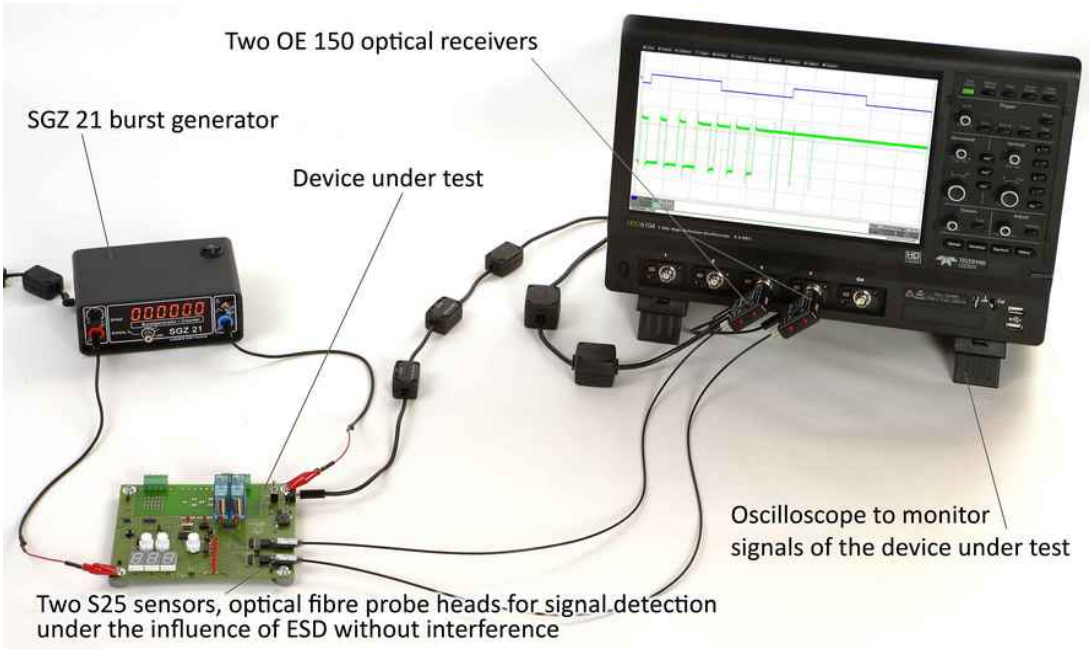
OE 150 Optical Receiver	
Transmission range	DC ... 50 Mbps
Optical fibre connector	Ø 2.2 mm
Supply voltage	12 V / 100 mA
Optical fibre length	1 m - 20 m
Connector - output	BNC-Stecker, 5 V HCMOS
S25 Optical Sensor	
Transmission range	DC ... 50 Mbps
Optical fibre connector	Ø 2.2 mm
Supply voltage	3 V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

Application with two OSE 150-1 sets and shielding tent



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Application with two OSE 150-1 sets and SGZ 21



Application with optical sensor S25



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Scope of delivery OSE 150-1 set

