OSE 450 set

Optical Fiber Probe 4-Channel, 50 Mbps



Short description

The OSE 450 set is used to transmit digital signals from a disturbed device under test. It consists of four single sensors which are used to detect four digital signals inside the device under test and is connected to the oscilloscope via four fiber optical cables and one receiver.
Within the device under test, the sensor transforms measured logical signals into optical signals.
The optical signals are transmitted to the optical receiver via a fibre optical cable. These can be visualized with an oscilloscope or can be used for controlling other devices.
The system is suitable for signal monitoring from a anechoic chamber, a shielded RF chamber, or in an EMC test lab.
Hard- and software can be EMC-optimized.

Scope of delivery

1x OE 450, Optical Receiver
4x S25, Optical Sensor (50 Mbps)
4x LWL Ø 2.2 mm 6 m, Optical Fiber, Single 6 m
1x NT FRI EU, Power Supply Unit
1x OSE 450 case, System Case
1x OSE 450 qg, Quick Guide
1x OSE 450 acc, Accessories
1x Digital m, OSE User Manual

Sales Partner:
ABSOLUTE EMC Llc.
Covering sales in North America
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LANGER EMV-Technik

Technical parameters

OE 450 Optical Receiver	
Transmission range	DC ... 50 Mbps
Optical Input: Optical fibre	4 x 2.2 mm Ø
Optical fibre connector	Ø 2.2 mm
Supply voltage	12 V / 100 mA
Connector - input	4 x 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 S25 optical sensor



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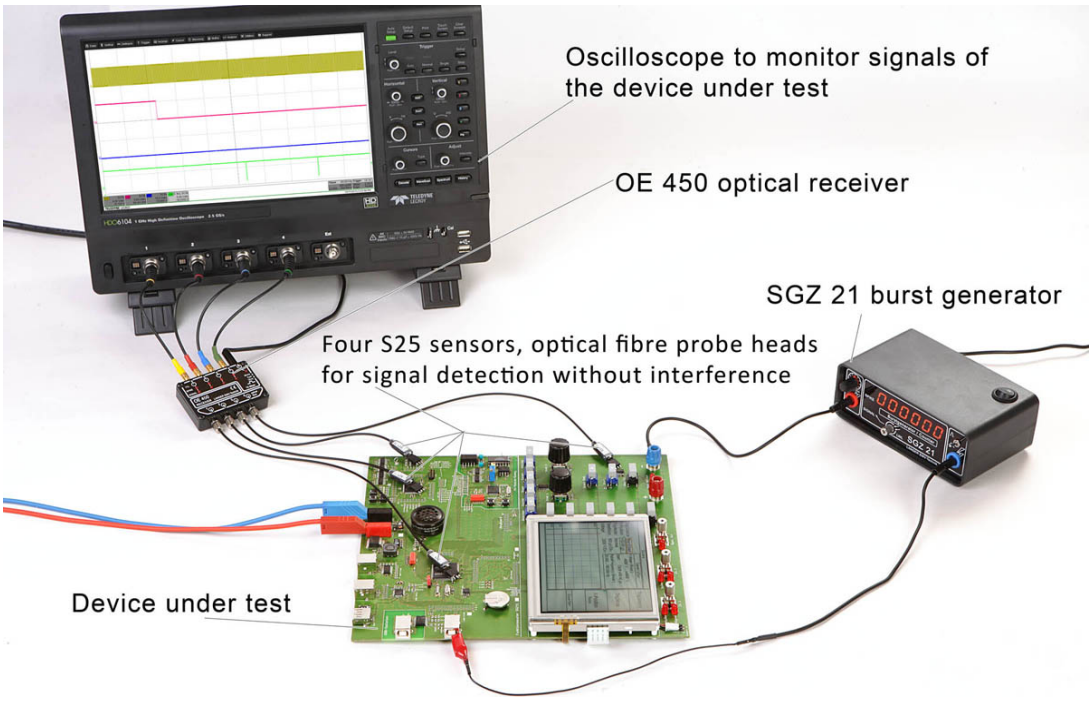
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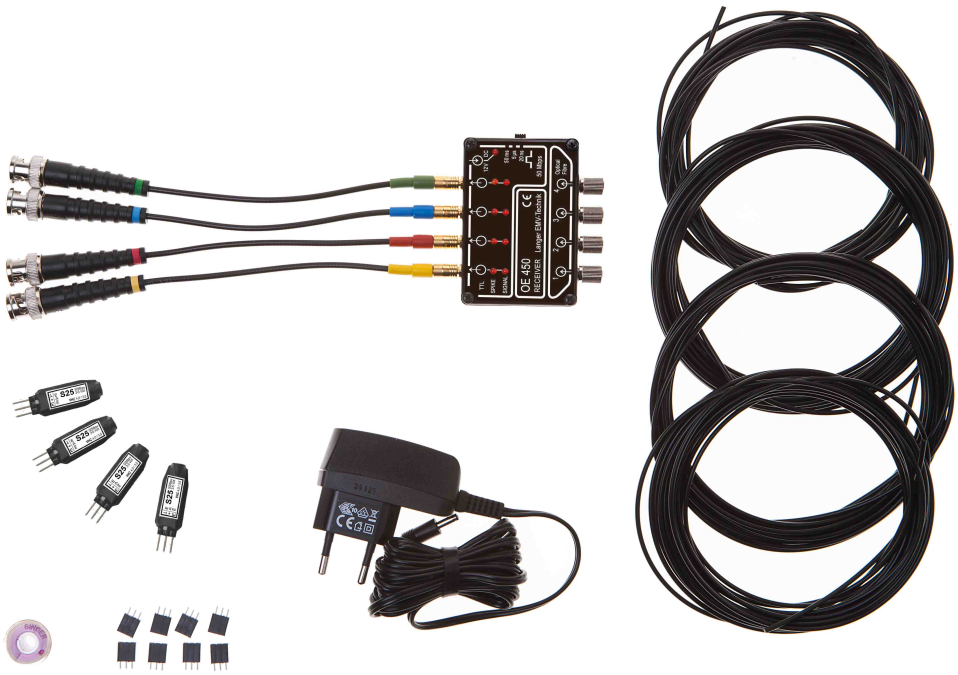
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Application with OSE 450 set and SGZ 21



Scope of delivery OSE 450 set



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