

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 an 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

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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

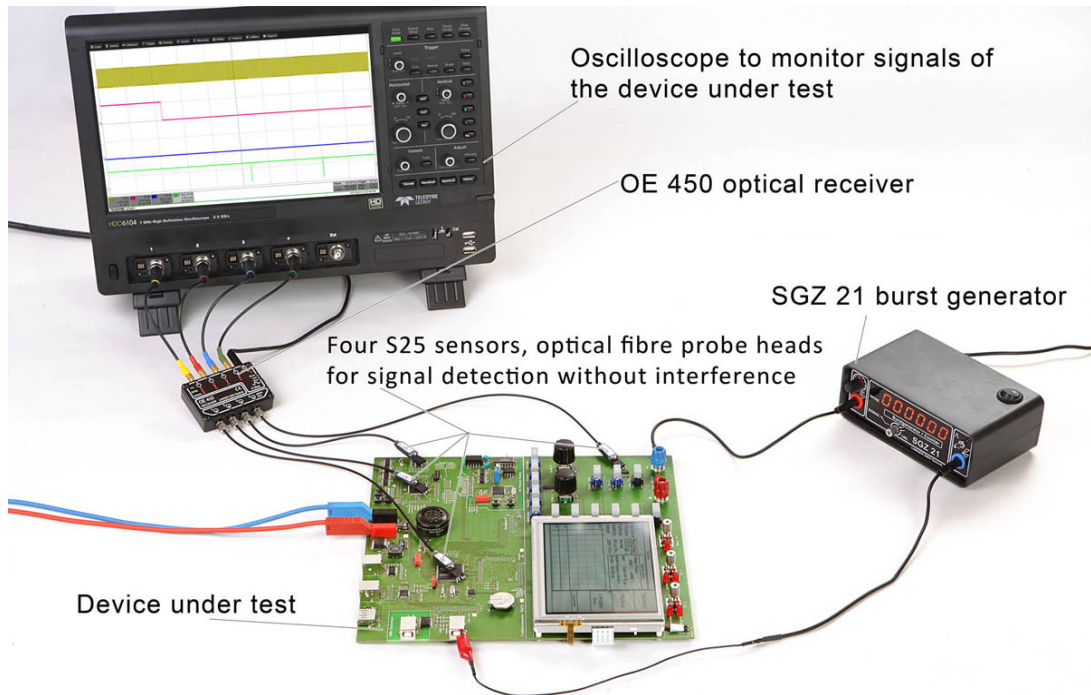


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Application with OSE 450 set and SGZ 21



Scope of delivery OSE 450 set

