

S21

Optical Sensor (10 Mbps)

Short description



The S21 sensor is a digital probe for nonreactive transmissions of binary signals out of the device under test during a burst or ESD testing. The sensor is positioned directly onto the PC board of the device under test and is powered by the device under test. In the sensor the digital signal is transformed into an optical signal and is transmitted via a fiber optical cable to the receiver/oscilloscope.

Signal transmissions via a fiber optic cable do not change the testing environment of the device under test. By capturing signals from the device under test, its proper functions can be monitored and faulty signals can be detected immediately.

Technical parameters

Transmission range	DC ... 10 Mbps
Optical fibre connector	2.2 mm Ø
Supply voltage	(3 -5) V
Current input	10 mA
Sizes (L x W x H)	(34 x 10 x 6) mm

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Application with S21 sensor

