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EMC Test and Measuring Systems

*com*SPECTOR

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Datasheet

Field of application and characteristics

The *com*SPECTOR can be used to inspect electrical and optical serial interfaces (RS232). The integrated display shows the received data both in HEX format and plain text. Additionally, the device can be used to convert optical RS232-signals to electrical signals and vice versa. The optional analog optical input enables you to easily measure the attenuation of optical fibers. That way, you can find out, if optical fibers or its connectors are damaged.

With its integrated battery and small dimensions, the *com*SPECTOR is fit for mobile use during maintenance and installation.

Technical data

Baud rate:	1200 … 115200 bit/s
RS232 connector:	1 x SUB-D 9 2 x FSMA, input and output
RS232 polarity:	normal, inverted (switchable)
Opto fiber test connector:	FSMA, analog input test signal generated with integrated optical transmitter
Operation:	3 buttons, LC-display with 2 lines and status indicator
Power supply:	5 NiMH cells with 1 Ah; 10h;
Dimensions:	125mm x 75mm x 25mm, plastic case
Weight:	approx. 200g
Misc:	other optical connectors (e.g. ST) available on request