

EMCtools

FO-Test Set

for
High Speed CAN, Low Speed CAN,
Low Speed Single Wire CAN,
LIN, K-Line, J1850



EMCtools
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1. Introduction

The *EMCtools* FO-Test Set has been designed to check fiber optic (FO) transceivers like *EMCtools* Microbox or Sontec OPTOCAN/Lin used e.g. in EMC labs to transmit galvanic isolated field busses like CAN or LIN etc. It can be used for:

1. High Speed CAN
2. Low Speed CAN
3. Low Speed Single Wire CAN
4. LIN bus
5. K-Line (can also be used for L-Line)
6. J1850 (class B)

If you have to check an FO transceivers functioning, you first have to provide an appropriate bus signal. The idea behind the FO-Tester is to let a second FO transceiver do the job. In combination with the *EMCtools* CAN/Lin-Probe it can also be used to check the physical layer (electric bus specification) of FO transceivers.



Photo: *EMCtools* FO-Test Set

Delivered devices of the system and accessories:

- 1 pcs FO-Tester
- 1 pcs CAN/LIN-probe PCB
- 2 pcs TESEC LF212 Oscilloscope Probe
- 2 pcs BNC / 4mm adapter
- 2 pcs Fiber optic cable 1m, simplex, 62,5/125µm, 2x FSMA
- 1 pcs Printed Manual