EtherCHK-100G kit

Test up to 100G in the field faster than ever before.

The EtherCHK-100G kit is the most comprehensive software and hardware toolkit for testing Ethernet links from 10M to 100GE as well as transport links using OTN or SONET technologies. It equips field technicians with the easiest and most effective tester for validating links and services with multiple test applications such as **RFC 2544**, **EtherSAM (Y.1564)**, **EtherBERT** and **traffic generation and monitoring (TGEN)**. Furthermore, the EtherCHK-100G kit includes a fiber inspection probe and multiple pluggable transceivers, for 1GE, 10GE, 100GE and OTU4 testing.

EtherCHK-100G kit: a comprehensive solution to maximize field technician productivity and optimize field testing efficiency.

Model	Description/Interface
EtherCHK-100G-kit	**Ethernet and transport testing kit from 10M to 100G** **2 x SFP/SFP+; 2 x QSFP28**

Key features and benefits

– The EtherCHK-100G kit is based on a powerful custom-designed platform equipped with a quad-core CPU, 128 GB of onboard memory, three USB ports and a micro SD card interface

– Ultra-bright 8-inch multitouch screen

– Built-in connectivity: Choose between Gigabit interface, WiFi, Bluetooth®, and 3G or 4G LTE via USB dongle

– Transport testing: SONET rates (OC-1, OC-3, OC-12, OC-48 and OC-192) and OTN rates (OTU1, OTU2, overclock OTU2 and OTU4)

– Users can take advantage of all the benefits that the Windows 10 operating system offers

– Easy remote access capabilities via Remote Desktop, built-in VNC or third-party applications

– Lightweight and portable solution designed for field engineers or cell technicians installing, troubleshooting and maintaining backhaul or carrier Ethernet networks

– Dual-port testing up to 100G

– EtherSAM, RFC 2544, TGEN, EtherBERT, Through mode, Smart loopback and second-port loopback tool

Included in the kit

- S2 (enhanced display for outdoor use)
- 128 GB of internal memory
- Semi-rigid carrying case (GP-10-072)
- GigE-bundle (10/100/1000M, 100M and 1G optical)
- 10GE (10GE LAN and 10 GE WAN)
- 100GE
- SONET or SDH
- 52M (OC-1/STM-0)
- 2.5G-bundle
- 9953M
- OTU1
- OTU2
- Overclock OTU2 (OTU1e, OTU2e, OTU1f, OTU2f optical rates)
- OTU4
- Dual-port (capability up to 10G)
- ETH-THRU (Ethernet Through mode)
- IPV6
- MPLS
- RFC 6349 (TCP througput evaluation from 10M to 100GE)
- DP_40-100GE (dual-port capability at 100GE)
- TCM capabilities within SONET/SDH
- GCC-BERT evaluation at OTN rates
- RF (built-in WiFi and Bluetooth capability enabled)

Semi-rigid carrying case
(GP-10-072)

FIP-410B USB fiber
inspection probe

QSFP28 100GBASE-
LR4/OTU4 multirate

Transceivers

- SFP-85919: Copper SFP (RJ45 interface for 10/100/1000M)
- FTB-8693: SFP+ 10G/SONET/10GE/ OTU2e/8/10GFC, 2/10 km, 1310 nm
- FTB-8190: SFP 2.5G-2.7G, GIGE, 2G/1G, FC, 1310 nm, 40 km, LR1
- QSFP-85993: QSFP28 LR4, 100GE, OTU4

Jumper

- TJ-B101-101: Optical cable, 3M, singlemode LC-LC simplex

Probe

- FP410B-XX (user must replace XX by UPC or APC)
- FIPT-400-LC-K-UPC: LC bulkhead tip

ORDER NOW!

Contact us at **isales.us@EXFO.com**

EXFO