

# Leading-edge transmission testing up to 800G

Solution designed for transceivers in lab and manufacturing

# EXFO

## Discover the industry's leading transceiver testing solutions



### BA-4000 Bit Analyzer

BA-4000 is a series of 400G/800G top signal integrity electrical BER testers designed to handle up to 56 Gb/s for 4/8 channels, supporting PAM4 or NRZ coding that are ideal for quality control and validation of next-gen transceivers, FPGA or module compliance boards (MCB). Capabilities include FEC symbol error, FEC margin, frame loss ratio and scramble idle pattern testing for Layer 1. This easy-to-use solution allows complete channel control, pre-emphasis and equalization.

### MA-4000 Module Analyzer

All-in-one BER solution combining the power of the BA-4000 with the integration of replaceable smart MCB. No RF cables needed. Supports NRZ and PAM4. Ideal for mass production characterization and thermocycling of state-of-the-art transceivers from 25G to 400G.

2021 LIGHTWAVE INNOVATION REVIEWS



### EA-4000 Eye Analyzer

Ultra-fast electrical/optical sampling scope for eye diagram analysis of NRZ 28G signals. The optical scopes cover a range of 830 nm to 1600 nm, through multiple singlemode and multimode models. Fastest sampling scope on the market (1M samples/s). Excellent performance with ultra-low jitter. Supports 25G-100G standard masks (MSA).

### CD-4000 Clock Data Recovery

Optical and electrical CDR for 28 Gb/s/56 Gb/s supporting NRZ and PAM4 signals. The optical models support either singlemode or multimode signals from 850 nm to 1650 nm. Ultra low random jitter. Built-in optical splitter.



For more information, visit [www.EXFO.com](http://www.EXFO.com) or contact your sales representative.