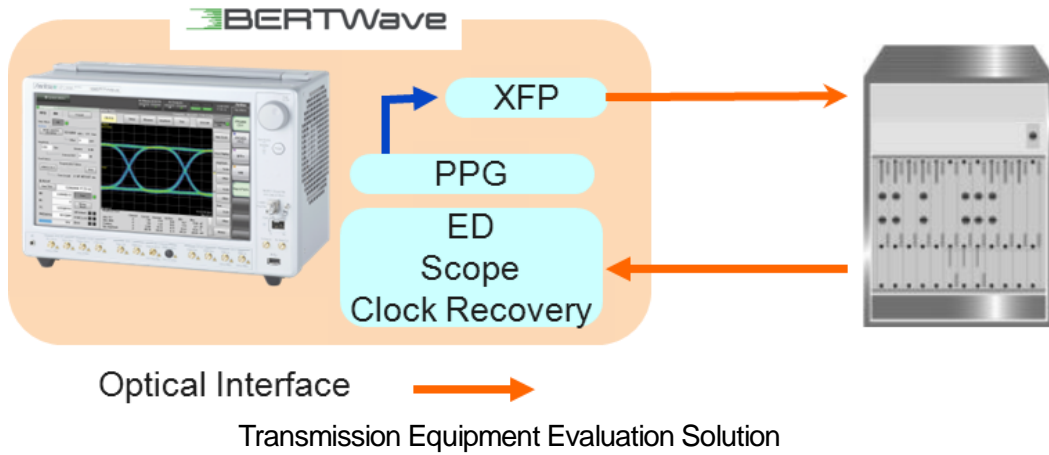


Transmission Equipment Maintenance and Evaluation Solution

Slim All-in-One Instrument for BER and Eye-Pattern Analysis

Simultaneous BER Tests and Eye Pattern Analysis

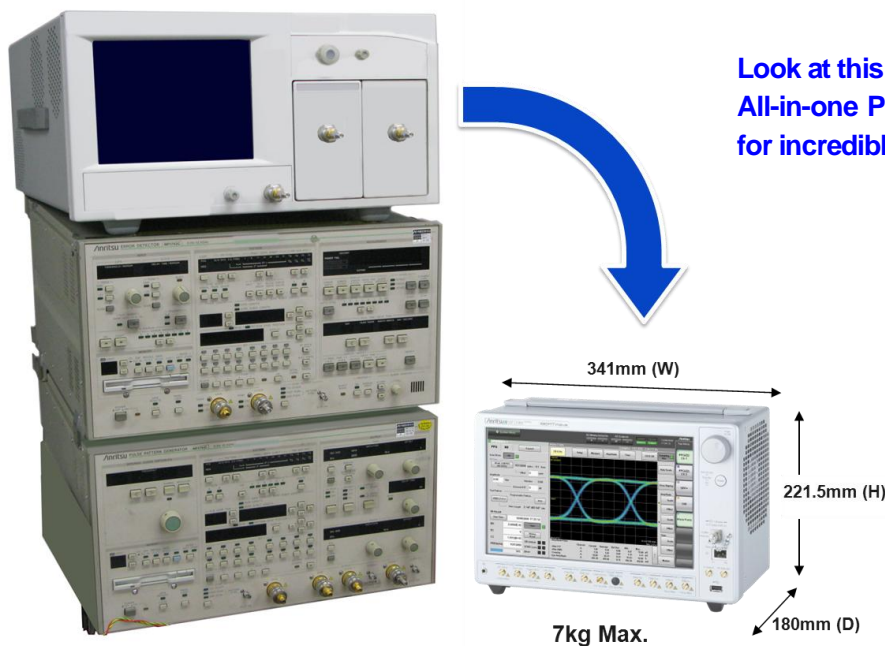
MP2100A BERTWave Series



Compact Instrument

- Easy-to-use 12.1" touch-panel LCD
- BERT and sampling-scope functions in compact cabinet
 - One unit supports BER measurements and mask tests for PRBS patterns required for continuity tests using loopback mode (0.1 to 12.5 Gbit/s, NRZ)*
 - Up to six built-in LPFs support various applications
- Built-in clock recovery for evaluating optical characteristics for long-distance transmissions without clock outputs

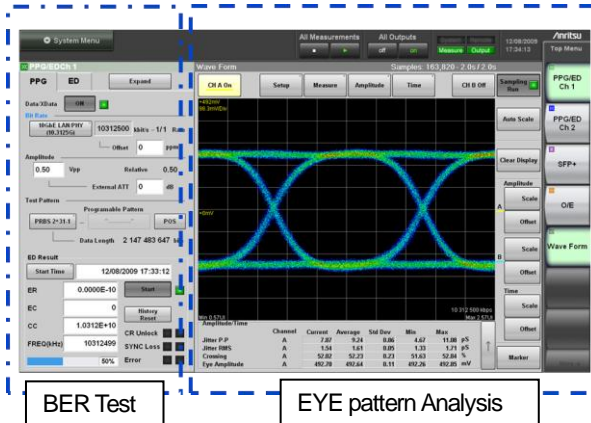
*: BERTWave does not support frame transmission, such as SDH/SONET/OTN/ETHERNET



Look at this comparison.
All-in-one PPG, ED, Scope, and Optical IF for incredible, space-saving compactness.

Higher Measurement Efficiency

- All-in-one unit supporting tests in loopback mode for transmission equipment maintenance
- Combined BERT and sampling-scope functions eliminate time-consuming setup



Features

- ◆ Simultaneous BER and EYE pattern analysis
- ◆ Simultaneous and independent 2-channel PPG/ED
- ◆ High-speed EYE pattern analysis sampling
- ◆ Automatic mask margin testing
- ◆ High repeatability and low unit-to-unit variation for extinction ratio and mask margin measurement
- ◆ 4x faster remote control
- ◆ 10x higher resolution, 10-ms BER testing

Built-in Clock Recovery

- The MP2100A BERTWave + Scope option with built-in clock recovery is a cost-effective solution for evaluating long-distance transmissions and optical characteristics. The clock recovery rates of 8.5 to 12.5 GHz and 0.1 to 2.7 GHz support most applications.



Bit Rate		Loop Bandwidth
8.5 to 12.5 GHz		1, 2, 4, 8 MHz (variable)
0.1 to 2.7 GHz	2488.32 MHz	200 kHz
	622 MHz	50 kHz
	156 MHz	20 kHz

Three Custom Configurations for R&D and Maintenance

Choose from three configurations: BERT + Scope, BERT only, and Scope only.

MP2100A BERTWave

BERT

Eye/Pulse Scope

MP2101A BERTWave PE

BERT

MP2102A BERTWave SS

Eye/Pulse Scope