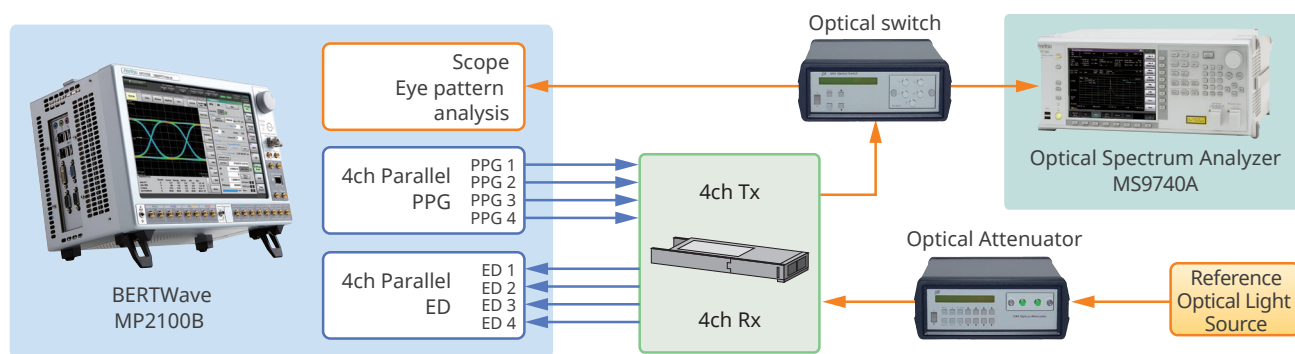


Total Solution for Optical Module Evaluation

Reduce Inspection Times and Improves Productivity

BERTWave MP2100B

Optical Spectrum Analyzer MS9740A



Reduce Initial Costs

- The all-in-one BERTWave MP2100B supports BERT and Eye-pattern analyses without requiring a separate BERTS and sampling scope.
- Combining the BERTWave MP2100B with excellent cost-performance and the Optical Spectrum Analyzer MS9740A reduction initial setup costs.

Reduce Measurement Times

- The BERTWave MP2100B built-in remote high-speed mode reduces remote measurement times by 30% compared to a conventional BERTS.
- The Optical Spectrum Analyzer MS9740A reduces the time from waveform sweeping to data transfer by 70% compared to conventional models.

Eco-friendly Design

- The compact BERTWave MP2100B design saves benchtop space.
- The Optical Spectrum Analyzer MS9740A is both lighter (<15 kg) and more power saving (<75 VA) than conventional models.

What is BERTWave MP2100B?



10 GbE × 4ch

Big Value in Small Set

All in
One

Built-in BERT and Scope

4ch
BERT

Built-in 1ch to 4ch 12.5 Gbit/s BERT

1
ps rms
Jitter

Pulse Pattern Generator (PPG)
Jitter: 1 ps rms

10
mVp-p
Sensitivity

Error Detector (ED)
Sensitivity: 10 mVp-p

Short Measurement Times

Simultaneous 4ch BERT and Eye Pattern Measurements
Simultaneous 4ch BER Measurements
High-Speed Eye Mask Tests
High-Speed BER Tests

Full-Featured Analysis Functions

Wideband Operation Frequency
Electrical and Optical Interfaces
Jitter Analysis
Clock Recovery

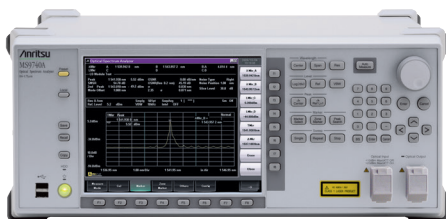
Cost-Effective Investment

Flexible Measurement System Configuration
Multi-channel BERT

What is MS9740A Optical Spectrum Analyzer?

80% Reduce in Time from Waveform Sweeping to Data Transfer

With a wavelength sweeping time of 0.2 s/5 nm (max.), the MS9740A Optical Spectrum Analyzer reduces the total time from waveform sweeping to data transfer to external control equipment. It supports smooth, easy analysis of center wavelength, level, spectrum width, SMSR, and OSNR for evaluating optical modules.



Features

- <0.2 s/5 nm Wavelength Sweeping Time
- Optical Module Evaluation Menu (Center Wavelength, Optical Level, OSNR Analysis)
- 30 pm Minimum Resolution
- >58 dB Dynamic Range (0.4 nm from Peak Wavelength)