PatternPro® *Line of Serial Data Test Instruments*

Performance • Flexibility • Value

Model 12070 with Model 13020 4 Channel 30Gb/s Bit Error Test System

PSPL's line of **PatternPro®** serial data test instruments enables testing of the latest high-speed serial data standards by addressing critical configuration and cost issues.

The PatternPro line includes **SDG** Pattern Generators and **SDA** Error Detectors that provide high-performance, flexible Bit Error Test solutions. With PatternPro test suites, users are finally able to comprehensively test critical multi-channel product performance parameters such as cross-talk immunity and multi-channel functionality.

Features:

- **Available with 1, 2, or 4 channels**
- **PRBS and user defined patterns**
- **Programmable jitter insertion option**
- **Independent data on each channel**
- **Independently adjustable phase on each channel** *(both PG & ED)*
- **Auto ED synchronization to input pattern**
- **Auto ED phase alignment of clock and data**

Benefits:

- **Comprehensive testing of standards such as 4x25 Gb/s 100Gb Ethernet**
  - Independent data on each channel
  - Phase sweeping of channels
  - Live BER monitoring of each channel
- **Flexible configuration and usage**
  - Separate PG and ED usage
  - Configure for number of channels needed

Applications:

- **25Gb/s testing for 100G Ethernet**
- **28Gb/s DPQPSK testing**

- **Victim-aggressor cross talk testing**
- **Simultaneous multi-channel BER testing**

Contact Information

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