

**PatternPro®** *Line of Serial Data Test Instruments*

Performance • Flexibility • Value



*Model 12055 with Model 13010 4 Channel 16Gb/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 multi-channel applications such as 4x10Gb/s**
  - 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:**

- 14Gb/s testing for Fibre Channel
- Multi-lane testing for 40GbE and 100GbE
- Victim-aggressor cross talk testing
- Simultaneous multi-channel BER testing

**Contact Information**

Picosecond Pulse Labs  
 P.O. Box 44  
 Boulder, Colorado 80306, USA

Telephone: 303.209.8100  
 Fax: 303.447.2236  
 Email: info@picosecond.com

Website: www.picosecond.com