12 Gb SAS Signal Splitter

DATA SHEET

FEATURES & BENEFITS

- Drives copies of 12Gb SAS signals to protocol analyzer, oscilloscope and SAS device
- Used in conjunction with BusXpert Pro II protocol analyzer
- Linear signal conditioners compensate for cable, connector and trace effects
- Supports 4 bidirectional SAS channels
- 16 SMA connectors allows simultaneous scope viewing of all 4 bidirectional SAS channels

ADVANTAGES

- True analog signal replication
- External power supply to reduce signal interference
- Lightweight and compact; 4.5" x 9" x 1.5 " enclosure; 1.8 pounds

The 12 Gb/s SAS 3.0 protocol poses unique challenges for today's engineers, developers and implementers.

The SerialTek SAS Splitter helps meet these challenges by allowing users to view and analyze 12 Gb/s SAS signals with the use of a SerialTek's BusXpert Pro II protocol analyzer and a high-bandwidth oscilloscope.

The SAS Splitter uses an analog splitter to drive copies of the input signals to SAS devices, analyzer and scope outputs. The splitter includes adjustable linear signal conditioners which can be tuned to compensate for effects introduced by extra cable lengths, connectors and board traces.

The SAS Splitter is ideal for analysis of the new SAS 3.0 SAS transmitter training where it is important to see both the analog signal as well as the high level protocol. Because the SAS Splitter provides a minimally obtrusive manner of linking up with SAS, users can observe and analyze signals and higher level protocols without worrying about signal integrity issues associated with other methods of signal analysis.

SerialTek tools are designed to accurately capture, decode and analyze high-speed storage and communication traffic. Our solutions help engineers verify, locate and resolve issues with their product designs. This shortens development and testing cycles, improves product quality and reduces time to market.

1570 Oakland Rd, San Jose, CA 95131

Phone 408-436-8080. Fax 408-436-8098

http://www.serialtek.com

10/2014