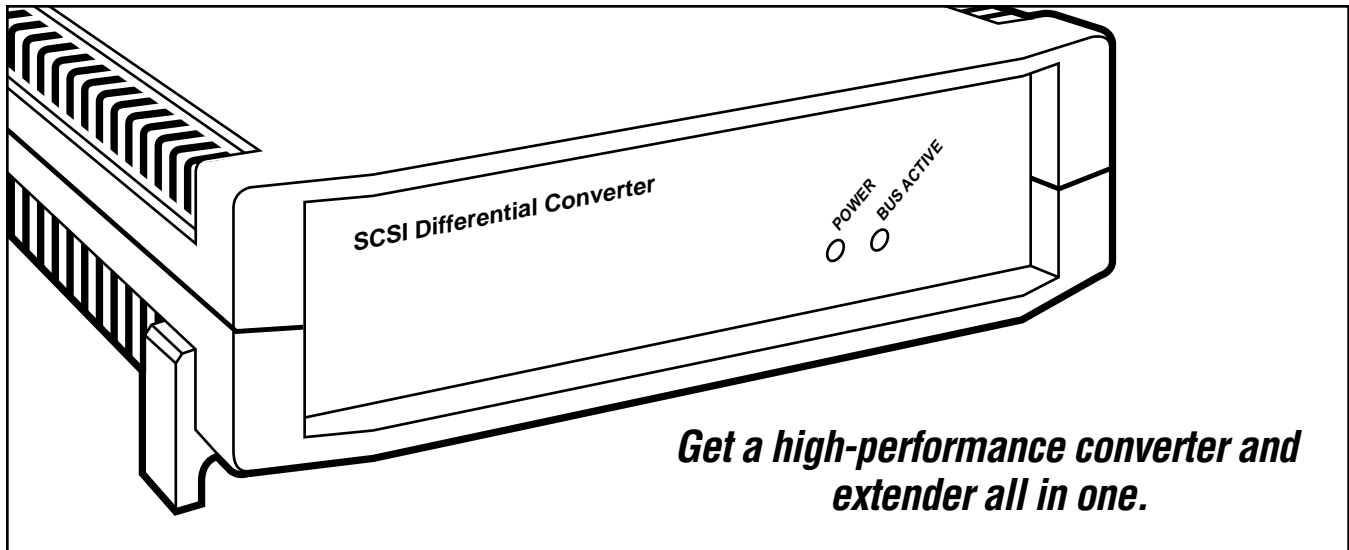


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BLACK BOX[®]

NETWORK SERVICES

SCSI DIFFERENTIAL CONVERTERS



Key Features

- ▶ **SCSI Differential to Single-Ended Bus Converter.**
- ▶ **Extends SCSI Bus an additional 82 ft. (25 m).**
- ▶ **80-Mbps maximum data rate (IC152A only).**
- ▶ **Asynchronous and synchronous compatible.**
- ▶ **SCSI-1, SCSI-2, and SCSI-3 compatible.**
- ▶ **Single-Ended to Single-Ended SCSI bus extender.**
- ▶ **Does not occupy SCSI bus ID.**

With the SCSI Differential Converter, you get two great functions with one product. The SCSI Differential Converter translates Single-Ended SCSI bus signals into Differential signals and vice versa. And it can be used as a Single-Ended to Single-Ended bus extender system up to 121 feet (37 meters). Just interconnect two of the units.

The SCSI Differential Converter is highly compatible. It's a popular choice for high-speed interconnection media between micro, mini, and mainframe computers and high-performance peripherals. And it's compatible with most host adapters and peripherals that conform to ANSI X3.131 and X3T9.2 specifications.

You can interface the SCSI Differential Converter with multiple host computers to

provide a high-speed, extended intercommunications link of standard SCSI bus interfaces. And remember that peripherals with high-speed data throughput usually need a differential interface to operate over longer cable lengths. The SCSI Differential Converter gives you increased noise immunity, while maintaining signal integrity over extended distances.

The SCSI Differential Converter contains an internal active bus terminator which improves cable-matching characteristics. You can also

remove it for added flexibility.

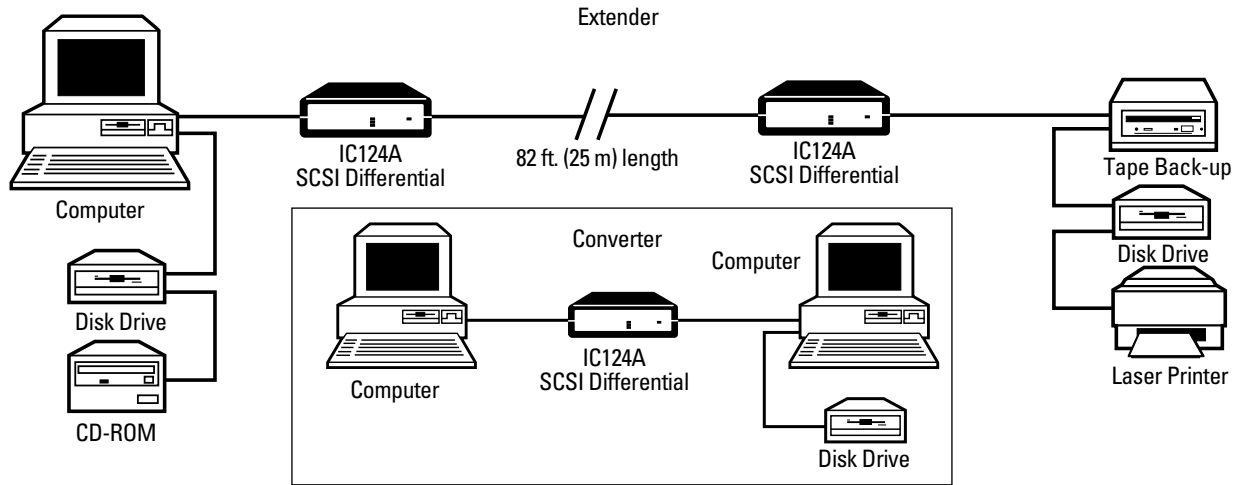
You can extend the working distance of high-speed host-to-host computers, get remote high-resolution graphics, and store data. The SCSI Differential Converter provides ideal solutions for high-speed remote data communications.

Installation is easy. It's completely transparent to all SCSI-1, SCSI-2, and SCSI-3 commands and doesn't require a SCSI device address. And it can be installed anywhere on the bus to provide the bus conversion you need.

Typical Application

Translates Single-Ended SCSI bus signals into Differential bus signals or vice versa, or use two units as a Single-Ended to Single-Ended bus extender.





Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 6 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a

vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Technically Speaking

The SCSI Differential Converter interfaces directly with SCSI interface adapters used in PCs, VME, DEC™, Sun®, EISA, and Macintosh® host computers. It also extends the working distance to disk drives, CD-ROM memory systems, and tape backup peripherals.

Single-Ended and Differential Device termination meets ANSI X3.131 and Z3T9.2 specifications. And proprietary switching logic enables the SCSI Differential Converter to maintain complete SCSI command functionality.

Specifications

Maximum Differential/ Single-Ended Conversion Delay: 30 ns

Internal Terminator Power: 1 amp

Maximum Cable Length: Single-Ended Port: 19.7 ft. (6 m); Differential Port: 82 ft. (25 m)

Speed: With a conversion delay of 30 ns: IC124A: Up to 10 MBps; IC125A: Up to 20 MBps; IC152A: Up to 80 MBps

Connectors: IC124A: (1) 50-pin Centronics® female, (1) 50-pin HD female; IC125A, IC152A: (2) 68-pin HD female

Power: 230 VAC, 60/50 Hz

Size: 5.3 x 15.2 x 24.4 cm

Weight: 1 kg



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.

Ordering Information

ITEM	CODE
SCSI Differential Converters	
Narrow	IC124A
SE to HVD Wide.....	IC125A
SE/LVD to HVD Wide.....	IC152A

