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Find the *Keithley KUSB-488A* at our website: ***Click HERE***

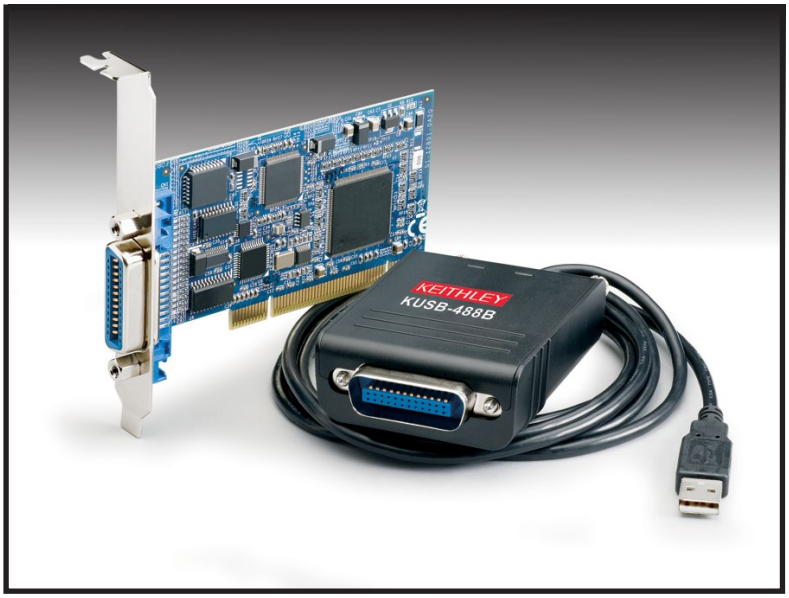
IEEE-488 (GPIB) Interface Solutions

- **PCI and USB bus versions**
- **IEEE-488.2 compatible for fast data transfer**
- **Windows® XP/2000/Vista/7 drivers included**
- **LabVIEW® and LabWindows/CVI support**
- **Compatible with any standard GPIB instrument**

Ordering Information

KPCI-488LPA IEEE-488.2 Interface Board for the PCI Bus

KUSB-488B IEEE-488.2 USB-to-GPIB Interface Adapter for USB Port. Built in 2m (6.6 ft) cable



Keithley's GPIB interface solutions make it easy to add standard IEEE-488.2 bus control to any PC system. These high speed tools can control as many as 14 GPIB instruments or other devices over a distance of up to 20 meters. They are ideal for use with automated test equipment in laboratory and industrial applications.

The Keithley **Model KPCI-488LPA** is a low-profile, GPIB interface plug-in card that is 32-bit/33MHz PCI bus compatible. Its PCI interface supports both 3.3V and 5V PCI environments, making it suitable for most desktop computers and industrial PCs, including the new low-profile desktop systems. This low-cost solution supports Windows XP/2000/Vista/7, and its driver library is command compatible with National Instruments™ and Capital Equipment Corporation™ command functions.

The Keithley **Model KUSB-488B** USB-to-GPIB interface turns any computer with a USB port into a fully functional GPIB controller. The KUSB-488B's small form factor makes it perfect for use with laptop computers in portable applications or for other applications in which the computer has no available PCI plug-in board slots. The product is USB 2.0 compliant and has an IEEE data transfer rate upwards of 1.5 MB/s through the USB port. No external power is required. KUSB-488B has a built-in 2-meter USB cable.

Software

The included utility software simplifies the setup and use of Keithley GPIB interface solutions and saves programming time. Every solution ships with 32-bit dynamic link libraries for Application Development Environments (ADEs) running under Windows XP/2000/Vista/7 and drivers for the most current programming languages. This adds up to full compatibility with a full array of software, including:

- Microsoft Visual Studio 6.0 (Visual Basic, Visual C++)
- Microsoft Visual Studio .NET (Visual Basic .NET, C#)
- Borland Delphi, Borland C Builder 6.0
- LabVIEW Version 7.0 and up (VISA and IEEE-488.2)
- LabWindows™/CVI Version 7.0 and up (VISA and IEEE-488.2)

Hardware Compatibility

These GPIB Interface solutions are fully compatible with all of Keithley's GPIB capable instruments. The Model 7010 adapter is required for the Model 428-PROG when used with the KUSB-488B.

	KPCI-488LPA	KUSB-488B
Bus/Form Factor	PCI	USB
Dimensions	4.7 × 2.5 in (120 × 64.5 mm)	3.2 × 2.6 × 1.1 in (81.7 × 66.1 × 27.8 mm)
Power (Current @ 5VDC)	400 mA typ., 750 mA max.	500 mA
Transfer Speed	1.5 Mbyte/s	1.5 Mbyte/s
EMC	European Directive 2004/108/EEC	European Directive 2004/108/EEC
Environmental	**Operating:** 0° to 55°C, 10% to 90% RH non-condensing **Storage:** –20° to 80°C, 5% to 90% RH non-condensing	**Operating:** 0° to 55°C, 10% to 90% RH non-condensing **Storage:** –20° to 80°C, 5% to 95% RH non-condensing

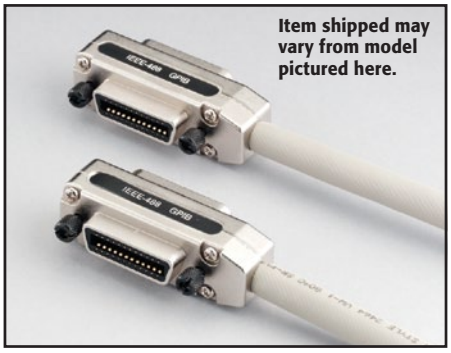
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IEEE-488 (GPIB) Accessories



Model 7006-*: Single-shielded GPIB cable terminated with one feed through style and one straight on IEEE-488 connector. The mating thumb screws are metric.

7006-1 1m (3.3 ft)
7006-2 2m (6.6 ft)



Model 7007-*: Double-shielded premium GPIB cable. Each end is terminated with a feed through style metal housing for longest life and best performance. The mating thumb screws are metric.

7007-05 0.5m (1.6 ft)
7007-1 1m (3.3 ft)
7007-2 2m (6.6 ft)
7007-4 4m (13.1 ft)

For use with: IEEE-488 Interconnect



Model 7010 Shielded IEEE-to-IEEE Adapter: Provides additional clearance between IEEE-488 cable and rear panel, allowing easier access to switches, cables, and other connectors.

For use with: IEEE-488 Interconnect



Model 8530 Centronics Adapter: IEEE-488 to Centronics cable adapter. Connects to Model 2001/2002 IEEE-488 port and any Centronics compatible printer for direct data output.

Cable Length: 2m (6.6 ft).

For use with: 2001, 2002

1.888.KEITHLEY (U.S. only)
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