

60-985 LXI Wired Trigger Bus Cables

WIRED TRIGGER BUS CABLES
60-985

- Conforms to the LXI Wired Trigger Bus
- Available in Lengths From 0.3 to Over 20m
- Fully Tested to LXI Specification
- Low Crosstalk Between Signal Pairs
- Robust Construction

The 60-985 series of LXI cables conform with the LXI WTB cable specification. They terminate in a 25 way Micro D connector at each end and use low loss silver plated cable incorporating 8 differential pairs each with separate shields.

The cable to connector termination is designed to minimize inter-channel crosstalk and maintain excellent transmission line impedance.

60-985 cable assemblies are available in a variety of lengths and Pickering Interfaces can provide custom lengths on request.

Specification

Cable Description:	8 differential pairs with separate shields on each pair and overall shield. Conductors are silver plated. Cable is LXI conformant
Connectors:	25-way Micro D, compatible with connectors on LXI devices supporting WTB.
Cable Characteristics (typical)	
Differential Impedance:	100Ω nominal
Propagation Velocity:	74% (0.222m/ns)
Capacitance:	41pF/m across differential pair 65.6pF/m conductor to all other conductors.
Cable Length:	Variety of lengths, length measured between the conductor interfaces.
Cable Marking:	Marked with part number, cable length and revision number.

Operating/Storage Conditions

Operating Conditions

Operating Temperature:	0°C to 55°C
Humidity:	Up to 95% non-condensing
Altitude:	5000m

Storage and Transport Conditions

Storage Temperature:	-20°C to +75°C
Humidity:	Up to 95% non-condensing
Altitude:	15000m



Product Order Codes

LXI WTB 0.3m Cable Assembly	60-985-003
LXI WTB 0.5m Cable Assembly	60-985-005
LXI WTB 1m Cable Assembly	60-985-010
LXI WTB 2m Cable Assembly	60-985-020
LXI WTB 3m Cable Assembly	60-985-030
LXI WTB 5m Cable Assembly	60-985-050
LXI WTB 10m Cable Assembly	60-985-100
LXI WTB 20m Cable Assembly	60-985-200

Note. The 60-985 cable assemblies are conformant with the LXI Trigger Bus Cable and Terminator Specifications. Other cable assembly lengths can be supplied on request.

Safety & CE Compliance

All modules are fully CE compliant and meet applicable EU directives: Low-voltage safety EN61010-1:2001, EMC Immunity EN61000-6-1:2001, Emissions EN55011:1998.

Latest Details

Please refer to our Web Site for Latest Product Details.
www.pickeringtest.com

LXI is the new standard for Ethernet control of instrumentation. It is the natural successor to GPIB (IEEE-488) incorporating LAN connectivity, full web browser support, IVI drivers and advanced triggering capability.

Pickering Interfaces is a Board level member of the LXI Consortium (www.lxistandard.org) and together with Agilent Technologies was the first company to release a fully compliant LXI device. Pickering is developing a large range of products conforming to the LXI standard and is constantly introducing new products in response to specific user demand. For further information go to www.pickeringtest.com/lxi



ISSUE 3, NOV 2006

pickering

LXI Switch & Instrumentation
Pickering Interfaces www.pickeringtest.com

LXI



Pickering Interfaces are Strategic Level members of the LXI Consortium www.lxistandard.org

www.pickeringtest.com E-Mail sales@pickeringtest.com

© Copyright (2006) Pickering Interfaces. All Rights Reserved
Pickering Interfaces maintains a commitment to continuous product development, consequently we reserve the right to vary from the description given in this data sheet.