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LXI Wired Trigger Bus Cables 60-985

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

The 60-985 series of LXI cables conform with the LXI WTB cable specification. They terminate in a 25 pin 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-pin micro-D, compatible with connectors on LXI devices supporting WTB.
Cable Characteristics (typical)	
Differential Impedance:	100 Ω nominal
Propagation Velocity:	74% (0.222 m/ns)
Capacitance:	41 pF/m across differential pair. 65.6 pF/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.



Product Order Codes

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

Operating/Storage Conditions

Operating Temperature:	0 °C to +55 °C
Humidity:	Up to 95% non-condensing
Altitude:	5000 m
Storage/Transport Temperature:	-20 °C to +75 °C
Humidity:	Up to 95% non-condensing
Altitude:	15000 m

Safety & CE Compliance

All modules are fully CE compliant and meet applicable EU directives:

Low-voltage safety EN61010-1:2010,
EMC Immunity EN61326-1:2013,
Emissions EN55011:2009+A1:2010.

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