

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