

KEYSIGHT TECHNOLOGIES (AGILENT HP)

10833C

The Keysight (Agilent) 10833C is a high-reliability, 4-meter (13.2 feet) GPIB (IEEE-488) instrument control cable. Engineered for exceptional durability and compatibility, it features dual-shielded cabling with stackable, piggyback-style 24-pin connectors and metric M3.5 locking hardware to enable seamless communication between computers and automated test instruments under demanding conditions.

SPECIFICATIONS

General

Interfaces	GPIB (IEEE-488)
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Physical & Mechanical Properties

Cable Length	4 m (13.2 ft)
Locking Screw Thread Type	Metric M3.5 × 0.6
Shielding Type	Double-shielded (braid and foil)
Outer Jacket Color	Gray

Connector & Interconnect Configuration

Connector A Type	24-pin GPIB (Centronics-type, Male/Female piggyback)
Connector B Type	24-pin GPIB (Centronics-type, Male/Female piggyback)
Stackable Connector Design	Yes

Compliance & Certifications

IEEE-488.1 Compatibility	Fully compatible (mechanical specification)
IEEE-488.2 Compatibility	Compatible
RoHS Directive Compliance	Compliant

System Integration & Topology Limits

Maximum Recommended System Cable Length	20 m (total system length limit)
Maximum Number of Connectable Instruments	15 (per system)

Construction

Number of Conductors	24
Contact Plating	Gold

TECHNOLOGY

GPIB (IEEE-488)

APPLICATIONS

Instrument control and data acquisition systems

