

KEYSIGHT TECHNOLOGIES (AGILENT HP)

10833A

The Keysight 10833A (formerly Agilent) is a high-reliability 1-meter (3.3 feet) GPIB (IEEE-488) instrument control cable. Engineered to withstand harsh environments, it features robust stackable piggyback connectors and conforms fully to the IEEE 488.1 mechanical standard to enable seamless communication between test instruments and computers.

SPECIFICATIONS

General

Interfaces	GPIB (IEEE-488)
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Physical & Mechanical Properties

Cable Length	1 m (3.3 ft)
Outer Jacket Color	Gray
Locking Screw Thread Type	Metric M3.5 × 0.6
Locking Screw Finish / Color	Black (signifying metric M3.5 thread)
Number of Conductors	24

Connector & Interconnect Configuration

Connector A Type	24-pin GPIB (IEEE-488) Male/Female Stackable
Connector B Type	24-pin GPIB (IEEE-488) Male/Female Stackable
Stackable Connector Design	Yes (Piggyback configuration)

System Integration & Topology Limits

Maximum Recommended System Cable Length	20 m (or 2 m per device, whichever is less)
Maximum Number of Connectable Instruments	15
Maximum Recommended Stack Height	3 connectors

Compliance & Certifications

IEEE-488.1 Compatibility	Fully compatible (mechanical specification)
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Physical

Cable Length in Feet	3.3 ft
Connector Contact Plating	Gold
Shielding	Double-shielded (braid and foil)

Compliance & Standards

RoHS Compliant	Yes
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TECHNOLOGY

GPIB (General Purpose Interface Bus)

APPLICATIONS

Instrument control and data acquisition

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.