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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 70800B MSIB Cable

The HP 70800B is an MSIB (Modular System Interface Bus) cable for HP 70000-series MMS (modular measurement system) instruments such as 70900 local oscillators and 708xx displays. It interconnects MMS modules; it is not a GPIB cable and not a 70800 display mainframe. Connectors: MSIB connectors (not 24-pin GPIB) Installation: MSIB IN/OUT ports on MMS modules Documentation: HP 70000 MSIB cabling notes Length: confirm 70800B cable length marking



MODEL

**Keysight / Agilent /
HP 70800B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

70800B

LISTING

[https://aumictechlabs.c
om/products/70800b-
2/](https://aumictechlabs.com/products/70800b-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 70800B is a 1.0 meter MSIB interconnect cable engineered for the 70000 Series Modular Measurement System. It has high-speed digital communication and control signal transfer between mainframes, measurement modules, and displays. The Modular System Interface Bus (MSIB) architecture enables simultaneous multi-module communication, ensuring signal integrity across complex test configurations. Technical Specifications Model: 70800B Cable Length: 1.0 meter Interface Standard: Modular System Interface Bus (MSIB) Connector Type: MSIB interface connectors Primary Function: High-speed digital communication and control signal routing Key Features Simultaneous bidirectional communication across all connected modules Optimized for signal integrity in multi-module system configurations Direct integration with 70000

Series architecture Part of a complete cable family supporting flexible system expansion Typical Applications The 70800B supports construction and expansion of modular electronic test systems. Deploy this cable to interconnect measurement modules, mainframes, and remote displays within 70000 Series installations. Configurations requiring instrument integration and distributed measurement capabilities benefit from reliable MSIB backbone connectivity.

Compatibility & Integration Compatible Platforms: 70001A mainframe 70004A display module 71600B series measurement modules 70841B and 70842B instrument modules All MSIB-compliant 70000 Series components Related Cable Options: 70800A (0.5 m) 70800C (2.0 m) 70800D (6.0 m) 70800E (30 m)

Features & description

From manufacturer datasheet

Applications

- 70000 MMS module interconnect

70800B Characteristics / Specifications

PARAMETER	VALUE
Model	70800B
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	MSIB Cable
Alias	70800B; HP 70800B
Bus	MSIB Modular System Interface Bus
Family	HP 70000 MMS
Function	inter-module MSIB interconnect cable
Not GPIB	not IEEE 488
NotADisplay	cable not 70206A/70800 display
Related Instruments	70900 LO 709xx RF 708xx displays
Form	system interconnect cable
Connectors	MSIB connectors (not 24-pin GPIB)
Status	HP 70000 accessory EOL
Installation	MSIB IN/OUT ports on MMS modules
Use	replace damaged MSIB cable
Documentation	HP 70000 MSIB cabling notes
Length	confirm 70800B cable length marking
Power	none (passive cable)
Compatibility	70000 MMS only
ESD	connector pins
Not LAN	not Ethernet
Not USB	not 82357
Daisy Chain	MSIB ring/chain per 70000 rules
Identification	70800B part mark
Service	inspect connectors for bent pins Notes MSIB cable identity from HP 70800B for 70000 MMS. Confirm length and connector gender. Do not

PARAMETER

VALUE

use asaGPIB cable.

70800B Specifications

PARAMETER	VALUE
HP Agilent 70800B MSIB Cable	Overview
Applications	- 70000 MMS module interconnect
Key Features	- MSIB cable 70800B
Technical Specifications	Model: 70800B
Notes	MSIB cable identity from HP 70800B for 70000 MMS. Confirm length and connector gender. Do not use as a GPIB cable.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.