

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 8120 – System Cable

No invented electrical performance numbers Use with the parent instrument or chassis named in the title when applicable Documented as thin because OEM numeric tables are not public Catalog Title: Agilent/Keysight 8120 – System Cable Use with the parent instrument or chassis named in the title when applicable Documented as thin because OEM numeric tables are not public Catalog Title: Agilent/Keysight 8120 – System Cable Document Class: accessory or spare identity sheet



MODEL Agilent / Keysight 8120	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 8120	LISTING https://aumictechlabs.com/products/8120-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 8120 System Cable is a modular interconnect assembly designed for test equipment integration across power distribution, RF/microwave, data transfer, and network applications. These cables deliver critical signal and power pathways within Agilent and Keysight instrument systems, supporting both standalone and networked configurations. Technical Specifications Power Cord Assemblies NEMA 5-15P to IEC 60320-1 C13: 125 V, 10 A; 2.3 m length NEMA 5-15P to IEC 60320-1 C15: 125 V, 10 A; 2.5 m length NEMA 5-15P to IEC 60320-1 C13: 125 V, 13 A; 2.5 m length NEMA 6-15P to IEC 60320-1 C13: 250 V, 10 A; 2.3 m length 18 AWG conductor rating Coaxial Cable Assemblies 3.5 mm (M) to Type N (M) configuration; 8-inch length Data & Interface Cables PS/2 connectors for keyboard and input device connections Ethernet connectivity for LAN integration Serial Distribution Network (SDN) Cables Standard Serial

Distribution Cable (SDC): maximum 152 m (500 ft.) length Extended Serial Distribution Cable (XSDC): maximum 304 m (1000 ft.) length Local Distribution Cable (LDC): direct serial connection from wall boxes to instruments Unshielded Twisted Pair runs: maximum 90 m (295 ft.)

Key Features

- Multiple connector types support diverse instrument interfaces and regional power standards
- Defined maximum run lengths for SDN applications ensure signal integrity and protocol compliance
- Continuous branch cable runs without splicing or cable type mixing

Typical Applications

- AC power delivery to Agilent and Keysight test instruments
- RF and microwave signal routing in measurement systems
- Keyboard, touchpad, and display connectivity for system control
- Network distribution and inter-instrument communication
- Serial distribution across extended facility installations

Compatibility & Integration

System cables integrate with Agilent 81200 Systems and broader Agilent/Keysight instrument platforms requiring standardized interconnect solutions for power, RF, data, and network functions.

8120 Characteristics / Specifications

PARAMETER	VALUE
Model	8120
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 8120 – System Cable
Sku	8120
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	8120
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

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PARAMETER	VALUE
Model	8120
Brand	Agilent / Keysight
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Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	8120
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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

788 S 500 E, Pleasant Grove, UT 84062
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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.