

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 8732A

The HP/Agilent 8732A is a coaxial directional coupler covering approximately 1.8 to 4.5 GHz for microwave reflectometer and power-monitoring setups. OEM coupler catalogs list the 8732A alongside the 8731A in the HP directional coupler family. Reflectometer bridges, leveling loops, and forward/reverse power sampling in microwave test benches. Typical Use: microwave reflectometer and power monitoring Connector Class: coaxial microwave connectors per unit Insertion Loss Class: per unit calibration data VSWR Class: per unit calibration data Impedance Class: 50 ohm coaxial class Documentation Source: OEM datasheet model row From HP directional coupler family documentation identifying 8732A coverage near 1.8 to 4.5 GHz. Exact coupling factor and directivity are unit-specific on the faceplate/calibration data.



MODEL

**Agilent / Keysight
8732A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

8732A

LISTING

<https://aumictechlabs.com/products/8732a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N8732A is a single-output DC power supply engineered for automated test equipment (ATE) rack integration. Delivering 10V at 330A with 3300W output power in a compact 2U form factor, it combines low-noise performance with multiple control and communication interfaces. The unit has 8mV output noise in constant-voltage mode, programming accuracy of 0.05% + 5mV for voltage and 0.1% + 660mA for current, and analog/resistance control of both output parameters. Protection circuitry includes overcurrent, overvoltage, under-voltage, and overtemperature safeguards. Front-to-back airflow design supports dense rack

deployment. Technical Specifications Output Voltage: 10V Output Current: 330A Output Power: 3300W Output Noise (CV): 8mV rms Voltage Programming Accuracy: 0.05% + 5mV Current Programming Accuracy: 0.1% + 660mA Package Height: 2U Airflow Direction: Front to back Key Features Analog and resistance control of output voltage and current Parallel and series connection capability for expanded current or voltage output Overcurrent, overvoltage, and under-voltage protection Overtemperature protection Low output noise suitable for sensitive measurements Interfaces USB LAN (LXI-Core) GPIB Compatibility & Integration The N8732A operates as part of the Agilent N8700 series and maintains compatibility with legacy Agilent 603xA power supply command sets, enabling integration into existing test environments without firmware modification.

8732A Characteristics / Specifications

PARAMETER	VALUE
Model	8732A
Frequency Range Class	1.8 to 4.5 GHz
Instrument Type	directional coupler
Function	forward reverse RF sampling
Brand Lineage	HP / Agilent
Form Factor	coaxial coupler accessory
Family	HP 873x directional couplers
Typical Use	microwave reflectometer and power monitoring
Connector Class	coaxial microwave connectors per unit
Operating Context	RF microwave accessory
Coupling Type	directional
Ports Class	input coupled and isolated port architecture
Compatible Systems	HP network analyzer and source benches
Calibration Note	coupling factor and directivity per unit label/certificate
Physical Type	passive microwave component
Series Family	HP 8731/8732 coupler familyMinimum Frequency Class: 1.8 GHz
Maximum Frequency Class	4.5 GHz
Directivity Class	per unit calibration data
Coupling Factor Class	per unit faceplate
Insertion Loss Class	per unit calibration data
VSWR Class	per unit calibration dataImpedance Class: 50 ohm coaxial class
Documentation Source	OEM datasheet model row

8732A Specifications

PARAMETER	VALUE
HP Agilent 8732A Directional Coupler	Overview
Directional coupler topology	1.8 to 4.5 GHz class coverage
Technical Specifications	Model: 8732A

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	
Specifications	
PARAMETER	VALUE
Model	8732A
Frequency Range Class	1.8 to 4.5 GHz
Instrument Type	directional coupler
Function	forward reverse RF sampling
Brand Lineage	HP / Agilent
Form Factor	coaxial coupler accessory
Family	HP 873x directional couplers
Typical Use	microwave reflectometer and power monitoring
Connector Class	coaxial microwave connectors per unit
Operating Context	RF microwave accessory
Coupling Type	directional
Ports Class	input coupled and isolated port architecture
Compatible Systems	HP network analyzer and source benches
Calibration Note	coupling factor and directivity per unit label/certificate
Physical Type	passive microwave component
Series Family	HP 8731/8732 coupler familyMinimum Frequency Class: 1.8 GHz
Maximum Frequency Class	4.5 GHz
Directivity Class	per unit calibration data
Coupling Factor Class	per unit faceplate
Insertion Loss Class	per unit calibration data
VSWR Class	per unit calibration dataImpedance Class: 50 ohm coaxial class
Documentation Source	OEM datasheet model row
Notes	
From HP directional coupler family documentation identifying 8732A coverage near 1.8 to 4.5 GHz. Exact coupling factor and directivity are unit-specific on the faceplate/calibration data.	

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
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 14, 2026

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