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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 11652A

HP Agilent 11652A 50 Ohm Power Splitter DC to 18 GHz The HP 11652A is a 50 ohm two-resistor power splitter used with network analyzers and signal sources to 18 GHz. OEM microwave accessory catalogs list 11652A as a 50 ohm power splitter for ratio measurements and source leveling, with Type-N connectors and DC to 18 GHz coverage in the 11667A/11652A splitter family. Ratioed source leveling, two-way power split for 8753/8510 class measurements, and 50 ohm signal distribution to 18 GHz. Connector Type: TypeNTopology: two-resistor power splitter The HP 11652A is a 50 ohm two-resistor power splitter used with network analyzers and signal sources to 18 GHz. OEM microwave accessory catalogs list 11652A as a 50 ohm power splitter for ratio measurements and source leveling, with Type-N connectors and DC to 18 GHz coverage in the 11667A/11652A splitter family. Ratioed source leveling, two-way power split for 8753/8510 class measurements, and 50 ohm signal distribution to 18 GHz. Connector Type: TypeNTopology: two-resistor power splitter Related Splitter: 11667A DC to 18 GHz power splitter family



MODEL

**Agilent / Keysight
11652A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

11652A

LISTING

<https://aumictechlabs.com/products/11652a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 11652A is a 50-ohm BNC reflection-transmission calibration kit designed for RF network characterization from 0.1 to 110 MHz. This kit has characterized standards essential for accurate calibration of network analyzers, enabling both swept and single-frequency

measurements across its operating range.

Technical Specifications

Frequency Range: 0.1 MHz to 110 MHz
Impedance: 50 Ohms
Connector Type: BNC

Key Features

The 11652A includes a power splitter for signal division, an 8721A directional bridge for reflected power measurement and impedance characterization, and a precision 50-ohm termination load. A calibrating short standard enables system calibration through signal reflection. Three BNC adapters and four matched, low-leakage cables complete the kit, minimizing signal loss and reflection during test procedures.

Typical Applications

This kit is particularly suited for swept and single-frequency measurements in RF network analysis. It serves laboratory and field environments where precise characterization of network parameters and equipment calibration accuracy are required within the VLF and HF bands.

Compatibility & Integration

The 11652A integrates with the HP 8407A Network Analyzer for swept measurements and the HP 8405A Vector Voltmeter for single-frequency operations. The kit is discontinued but remains fully supported by Keysight, with repair and calibration services available through Keysight Service Centers.

11652A Characteristics / Specifications

PARAMETER	VALUE
Model	11652A
Instrument Type	50 ohm power splitter
System Impedance	50 ohm
Frequency Range	DC to 18 GHz
Connector Type	TypeNTopology: two-resistor power splitter
Related Splitter	11667A DC to 18 GHz power splitter family
Use Case	ratio measurements and source leveling
Manufacturer	HP Agilent Keysight
Form Factor	coaxial splitter
Literature	HP 11652A 50 ohm power splitter catalogs
Operating Temperature Class	0 to 55 C laboratory
Input Connector	TypeNOutput Connectors: two TypeNPower Rating Class: splitter dissipation limited
Tracking	ratio tracking for leveling
Insertion Path	6 dB class two-resistor split
Related 26p5 Ghz	11667B class
Related 50 Ghz	11667C class
Calibration	notacal kit; a splitter
Host Analyzers	8753 8510 8720 class
Brand Lineage	Hewlett Packard Agilent Keysight
Operating temperature	Class: 0 to 55 C laboratory

11652A Specifications

PARAMETER	VALUE
HP Agilent 11652A 50 Ohm Power Splitter DC to 18 GHz	Overview
Applications	Ratioed source leveling, two-way power split for 8753/8510 class measurements, and 50 ohm signal distribution to 18 GHz.
Key Features	50 ohm two-resistor splitter
DC to 18 GHz class	Type N connectors
Technical Specifications	Model: 11652A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C laboratory
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Input Connector	TypeNOutput Connectors: two TypeNPower Rating Class: splitter dissipation limited
Tracking	ratio tracking for leveling
Insertion Path	6 dB class two-resistor split
Related 26p5 Ghz	11667B class
Related 50 Ghz	11667C class
Calibration	notacal kit; a splitter
Host Analyzers	8753 8510 8720 class
Brand Lineage	Hewlett Packard Agilent Keysight Notes Identity, 50 ohm, and DC to 18 GHz coverage from HP 11652A power-splitter catalog listings in the 11667/11652 family. Exact tracking, equivalent-source match, and power rating are on the 11652A data sheet shipped with the splitter.

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	
Technical Specifications	
PARAMETER	VALUE
Model	11652A
Instrument Type	50 ohm power splitter
System Impedance	50 ohm
Frequency Range	DC to 18 GHz
Connector Type	Type N
Topology	two-resistor power splitter
Related Splitter	11667A DC to 18 GHz power splitter family
Use Case	ratio measurements and source leveling
Manufacturer	HP Agilent Keysight
Form Factor	coaxial splitter
Literature	HP 11652A 50 ohm power splitter catalogs
Operating Temperature Class	0 to 55 C laboratory
Input Connector	Type N
Output Connectors	two Type N
Power Rating Class	splitter dissipation limited
Tracking	ratio tracking for leveling
Insertion Path	6 dB class two-resistor split
Related 26p5 Ghz	11667B class
Related 50 Ghz	11667C class
Calibration	not a cal kit; a splitter
Host Analyzers	8753 8510 8720 class
Brand Lineage	Hewlett Packard Agilent Keysight
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Brand Lineage	Hewlett Packard Agilent Keysight

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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.