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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 8958A

The HP 8958A is a cellular-radio interface used with HP 8920/8958-class RF communications test sets. OEM cellular-adaptor literature lists 8958A as the cellular radio interface that adds analog-cellular signaling and audio/RF switching so a communications test set can test AMPS/TACS-class mobiles. It sits between the test set and the radio as a dedicated cellular interface box. Analog cellular mobile test (AMPS/TACS class) with an 8920-family communications test set. Cellular radio interface for 8920-class sets Functions: cellular signaling and RF/audio interface Control: from host communications test set Operating Temperature Class: production/depot RF test window Literature: HP 8958A cellular radio interface listings



MODEL

**Agilent / Keysight
8958A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

8958A

LISTING

[https://aumictechlabs.c
om/products/8958a-2/](https://aumictechlabs.com/products/8958a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 8958A is a signal generator engineered for precision testing and measurement across communications, aerospace, and defense applications. This instrument delivers reliable signal outputs with support for multiple modulation formats, enabling complex signal integrity verification and system validation tasks across an extensive frequency range. Technical Specifications The 8958A operates as a signal generation platform demanding test requirements in RF and microwave environments. Key Features Multiple modulation format support for flexible signal generation Extensive frequency range for diverse application coverage

Precision signal output for high-accuracy testing Adaptable architecture for signal integrity and system verification workflows Typical Applications Communications system testing and validation Aerospace and defense signal verification Complex modulation scheme evaluation System-level signal integrity assessment Compatibility & Integration Keysight instruments in this class typically feature standard connectivity options including USB, LAN, and GPIB interfaces for remote instrument control and automated data transfer. Software integration with Keysight Measurement Manager and BenchVue platforms enables configuration, control, and analysis workflows for laboratory and production test environments.

8958A Characteristics / Specifications

PARAMETER	VALUE
Model	8958A
Instrument Type	Cellular radio interface
Host Test Set	HP 8920 / 8958-class communications test set
Radio Class	analog cellular AMPS/TACS class
Functions	cellular signaling and RF/audio interface
Form Factor	cellular interface unit
Manufacturer	HP Agilent Keysight
Use Case	analog cellular mobile test
Control	from host communications test set
Operating Temperature Class	production/depot RF test window
Literature	HP 8958A cellular radio interface listings
Family	8920 cellular accessories
Rf Path	switched RF between test set and mobile
Audio Path	analog audio to the radio
Signaling	analog cellular control-channel class
Documentation Type	OEM cellular-adapter catalog
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	cellular interface in front of 8920
Related Test Set	8920A/8921A communications test set class
Primary Power Class	mains or host-powered interface
Connectors	RF and audio/control to the mobile
Calibration Source	OEM published specifications
Operating temperature	Class: production/depot RF test window

8958A Specifications

PARAMETER	VALUE
HP 8958A Cellular Radio Interface	Overview
Applications	Analog cellular mobile test (AMPS/TACS class) with an 8920-family communications test set.
Key Features	Cellular radio interface for 8920-class sets
RF and audio switching to the radio	Dedicated 8958A interface
Technical Specifications	Model: 8958A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: production/depot RF test window
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Literature	HP 8958A cellular radio interface listings
Family	8920 cellular accessories
Rf Path	switched RF between test set and mobile
Audio Path	analog audio to the radio
Signaling	analog cellular control-channel class
Documentation Type	OEM cellular-adapter catalog
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	cellular interface in front of 8920
Related Test Set	8920A/8921A communications test set class
Primary Power Class	mains or host-powered interface
Connectors	RF and audio/control to the mobile
Calibration Source	OEM published specifications Notes From HP 8958A cellular-radio-interface listings with 8920-class test sets. Channel, SAT, and signaling timing limits are those of the host test set plus the 8958A interface revision.

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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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.