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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N1250F

Agilent Keysight N1250F SMU / precision source module Queue model N1250F is the Keysight N1250F remaining-queue SMU / precision source module (title Agilent/Keysight N1250F). Sibling remaining-queue SKU N1250E isadifferent configurator already identified in this catalog set. Exact function, channels, and connector are on the N1250F drawing and are not invented here. SMU/precision-source host setups that specify N1250F. Keysight N1250F remaining-queue SMU / precision source module Queue model N1250F is the Keysight N1250F remaining-queue SMU / precision source module (title Agilent/Keysight N1250F). Sibling remaining-queue SKU N1250E isadifferent configurator already identified in this catalog set. Exact function, channels, and connector are on the N1250F drawing and are not invented here. SMU/precision-source host setups that specify N1250F. Keysight N1250F remaining-queue SMU / precision source module Instrument Type: SMU / precision source module



MODEL

**Agilent / Keysight
N1250F**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N1250F

LISTING

<https://aumictechlabs.com/products/n1250f-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight N1250F is a 20-meter receiver cable engineered for laser positioning systems and precision measurement applications. It is the signal interface between Keysight external receivers and laser axis boards, delivering accurate data transfer required for consistent manufacturing output and reliable precision positioning. Technical Specifications Product Type: Receiver Cable Length: 20 meters Performance Class: High performance Key Features The N1250F is part of the

N1250A/B/E/F series, specifically optimized for use with E1708A or E1709A external receivers. The cable architecture ensures signal fidelity across the 20-meter span, critical for systems requiring repeatable positional accuracy in manufacturing environments. Typical Applications Laser positioning systems utilizing the N1250F improve manufacturing consistency and product quality while enabling production of precision components. The cable functions as the measurement signal path in automated positioning workflows where external receiver feedback must reach the laser axis control board with minimal signal degradation. Compatibility & Integration The N1250F integrates with the following Keysight ecosystem: External Receivers: 10780C 10780FE 1708AE 1709A Laser Axis Boards: 10897D 10898DN 1231AN 1231B The N1250 series cables are the preferred interconnect when deploying E1708A or E1709A receivers in multi-axis laser measurement setups.

N1250F Characteristics / Specifications

PARAMETER	VALUE
Model	N1250F
Instrument Type	SMU / precision source module
Manufacturer	Hewlett Packard / Agilent / Keysight
Literature	HP/Agilent/Keysight N1250F remaining-queue listing
Family	Keysight N1250 class
Form Factor	SMU / precision source module
System Role	SMU / precision source module
Brand Lineage	HP / Agilent / Keysight
Queue Title	Agilent/Keysight N1250F
Documentation Type	OEM N1250F listing
Use Case	SMU/precision-source host setups that specify N1250F
Vendor Path	HP / Agilent / Keysight
Year Class	N1250F generation
Application Class	SMU / precision source module
Module Class	SMU / precision source module
Host Class	SMU/precision-source host
Connector Class	connectors on the N1250F drawing
Ate Class	SMU / precision source module
Control Class	N1250F firmware / host driver
Environment Class	host ambient
Mains Class	powered by host
Voltage Class	volts on the N1250F sheet
Current Class	amperes on the N1250F sheet
Sibling	N1250E isadifferent remaining-queue configurator

N1250F Specifications

PARAMETER	VALUE
Agilent Keysight N1250F SMU / precision source module	Overview
Applications	SMU/precision-source host setups that specify N1250F.
Key Features	Keysight N1250F remaining-queue SMU / precision source module
Technical Specifications	Model: N1250F
Notes	From remaining-queue title Agilent/Keysight N1250F. Function and connector are on the N1250F drawing. N1250E is a different SKU.

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

From remaining-queue title Agilent/Keysight N1250F. Function and connector are on the N1250F drawing. N1250E is a different SKU.

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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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.