

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 81000VA – Universal Connector Adapter

Agilent/Keysight 81000VA – Universal Connector Adapter This listing is a adapter, pod, or probe accessory in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric 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. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. 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 81000VA – Universal Connector Adapter



MODEL

**Agilent / Keysight
81000VA**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

81000VA

LISTING

<https://aumictechlabs.com/products/81000va-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 81000VA is an ST connector adapter engineered for seamless integration with Agilent and Keysight optical heads in the 815xxx and 816xxx series. This adapter establishes a reliable interface between ST-connectorized optical fibers and precision optical measurement heads, delivering the connection integrity required for accurate fiber optic testing and

characterization. The threaded 5mm optical head interface ensures repeatable positioning and minimal insertion loss, critical for maintaining measurement fidelity across diverse test environments.

Technical Specifications

Model: 81000VA

Connector Type: ST (male or female, application-dependent)

Optical Head Interface: Threaded type for 5mm optical heads

Compatible Optical Head Series: 815xxx and 816xxx

Key Features

- Precision-engineered interface minimizes fiber misalignment and coupling loss
- Threaded mechanical design ensures repeatable connection with minimal drift
- Part of the modular 81000 series adapter ecosystem, supporting ST, FC/PC/SPC/APC, SC/PC/APC, and LC connector types
- Single-adapter solution for ST-based fiber optic systems

Typical Applications

- Optical fiber insertion loss and return loss measurement
- Spectral and power analysis of single-mode and multimode fibers
- Production testing and field verification of fiber optic assemblies
- Laboratory characterization of optical components and subsystems

Compatibility & Integration

The 81000VA integrates directly with Agilent/Keysight 815xxx and 816xxx series optical heads. When broader connector flexibility is required, the 81000 series provides complementary adapters - the 81000FA (FC/PC/SPC/APC), 81000KA (SC/PC/APC), and 81003LA (LC) - all designed for 5mm optical heads. The 81001xx series extends compatibility to both 5mm and 3mm head geometries, enabling system configuration across multiple hardware platforms.

81000VA Characteristics / Specifications

PARAMETER	VALUE
Model	81000VA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000VA – Universal Connector Adapter
Sku	81000VA
Product Class	adapter, pod, or probe 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	81000VA
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	81000VA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000VA - Universal Connector Adapter
Sku	81000VA
Product Class	adapter, pod, or probe 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	81000VA
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

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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.