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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 81000SA – ST Connector Adapter

Agilent/Keysight 81000SA – ST 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 81000SA – ST Connector Adapter



MODEL

**Agilent / Keysight
81000SA**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

81000SA

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 81000SA is a DIN 47256/4108 connector adapter engineered for direct integration with Agilent/Keysight 815xxx and 816xxx series optical heads. This adapter enables connection of optical fibers terminated with DIN 47256/4108 connectors to compatible optical measurement systems, facilitating precise optical power characterization across extended

wavelength ranges. The threaded 5mm mounting design ensures secure, repeatable fiber alignment for laboratory and production testing environments.

Technical Specifications

Connector Type: DIN 47256/4108 **Wavelength Range:** 1200 nm to 1650 nm (when used with compatible optical heads such as HP S1521B) **Numerical Aperture:** Up to 0.5 **Mounting:** Threaded design for 5mm optical heads

Key Features

- Accepts optical fibers with DIN 47256/4108 termination
- Supports LED and LD chip power measurement
- Accommodates beam numerical apertures to 0.5 NA
- Threaded coupling for stable fiber positioning

Typical Applications

- Optical power measurement in research and development
- Manufacturing test and quality assurance
- LED and laser diode characterization
- Fiber optic system performance verification

Compatibility & Integration

The 81000SA integrates with Agilent/Keysight 815xxx and 816xxx series optical heads. Alternative adapters in the 81000 series accommodate FC/PC/SPC/APC (81000FA), NEC D4 (81000GA), SC/PC/APC (81000KA), ST (81000VA), and Diamond HMS-10 (81000AA) connector types. Bare fiber configurations are supported via the 81000BA adapter. Optional accessories include a 1-inch filter holder (81000AF) and integrating sphere (81002FF) for specialized measurement configurations.

81000SA Characteristics / Specifications

PARAMETER	VALUE
Model	81000SA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000SA – ST Connector Adapter
Sku	81000SA
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	81000SA
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	81000SA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000SA - ST Connector Adapter
Sku	81000SA
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Document Class	accessory or spare identity sheet
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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	81000SA
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.