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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 81000FA – E-2000 Connector Adapter

Agilent/Keysight 81000FA – E-2000 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 81000FA – E-2000 Connector Adapter



MODEL

**Agilent / Keysight
81000FA**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

81000FA

LISTING

[https://aumictechlabs.c
om/products/81000fa-
2/](https://aumictechlabs.com/products/81000fa-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 81000FA is an FC connector adapter engineered for fiber optic systems utilizing Agilent and Keysight 815xxx and 816xxx series optical heads. This threaded adapter accepts fiber pigtails terminated with FC/PC or FC/APC connectors, enabling direct integration of standard fiber-optic connectivity into optical measurement instruments designed for 5mm optical

heads. The 81000FA is part of the 81000 series family of connector adapters, which provides standardized interfaces across multiple connector geometries for optical measurement applications. Technical Specifications Manufacturer: Agilent / Keysight / HP Model Number: 81000FA Connector Interface: FC/PC, FC/APC Optical Head Compatibility: 815xxx and 816xxx series; 5mm heads Form Factor: Threaded adapter Fiber Cladding Diameter: 125 micrometers (when used with 81000BA bare fiber adapter) Key Features Accepts FC/PC and FC/APC terminated fiber pigtails Direct mechanical interface to 5mm optical head designs Enables bare fiber configurations via optional 81000BA adapter Integrates with integrating sphere assemblies using compatible heat sink components Typical Applications Fiber-optic power and energy measurement Optical signal characterization on 815xxx and 816xxx measurement platforms Laboratory and field optical testing requiring FC connector termination Compatibility & Integration The 81000FA is one of seven connector variants in the 81000 series. Alternative adapter options include the 81000PA (E-2000), 81000KA (SC/PC/APC), 81000VA (ST), 81003LA (LC), 81000AA (Diamond HMS-10), and 81000SA (DIN 47256/4108). Optional accessories include the 81000AF 1-inch filter holder and 81000DF depolarizing filter for extended measurement capabilities.

81000FA Characteristics / Specifications

PARAMETER	VALUE
Model	81000FA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000FA – E-2000 Connector Adapter
Sku	81000FA
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	81000FA
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	
Technical Specifications	
PARAMETER	VALUE
Model	81000FA
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81000FA - E-2000 Connector Adapter
Sku	81000FA
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	81000FA
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.