

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 81001FF – Fiber Optic Connector Cleaner

Agilent/Keysight 81001FF – Fiber Optic Connector Cleaner This listing is a catalog accessory or spare 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 81001FF – Fiber Optic Connector Cleaner



MODEL

**Agilent / Keysight
81001FF**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

81001FF

LISTING

<https://aumictechlabs.com/products/81001ff-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 81001FF is a fixed diffraction filter that attenuates optical signals across a broad wavelength range, preventing overload of sensitive optical power meters when measuring high-power sources. The mesh diffraction filter provides approximately 10 dB of attenuation with excellent flatness across its operational band. Two units can be cascaded to achieve ~20 dB attenuation. Polarization dependent loss is minimal at 0.05 dB peak-to-peak, and the filter

integrates directly with 815xxx and 816xxx series optical heads and related adapter components. Technical Specifications Type: Fixed Diffraction Filter Attenuation: Approximately 10 dB nominal Wavelength Range: 450 nm to 1700 nm Attenuation Flatness: Relatively flat across operational range Polarization Dependent Loss (PDL): 0.05 dB peak-to-peak Cascading: Two 81001FF units achieve approximately 20 dB attenuation Key Features Mesh diffraction filter construction in integrated holder Low PDL minimizes signal degradation in polarization-sensitive measurements Flat attenuation response enables consistent signal reduction across 450–1700 nm Cascadable design allows flexible attenuation configurations Typical Applications Measurement of high-power laser diodes and LEDs that exceed optical head input specifications Signal attenuation for optical power meters with limited dynamic range (e.g., 81520A at +10 dBm, 81521B at +3 dBm maximum input) Broadband optical testing from visible to near-infrared wavelengths Compatibility & Integration Compatible with Agilent/Keysight 815xxx and 816xxx optical heads Works with 81000 series optical head connector adapters Pairs with 81000DF depolarizing filter to further reduce PDL in sensitive applications Integrates with 81000AF 1-inch filter holder for specialized mounting configurations

81001FF Characteristics / Specifications

PARAMETER	VALUE
Model	81001FF
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81001FF – Fiber Optic Connector Cleaner
Sku	81001FF
Product Class	catalog accessory or spare
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	81001FF
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	81001FF
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight 81001FF - Fiber Optic Connector Cleaner
Sku	81001FF
Product Class	catalog accessory or spare
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	81001FF
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.