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Data Sheet

August 13, 2026

FLUKE

Fluke 80E-5 Voltage Divider – 5 kV max.

The Fluke 80E-5 is a high-voltage voltage divider accessory rated to 5 kV maximum (catalog). It extends the voltage measurement range of compatible Fluke meters/instruments by providing a precision division ratio for high-voltage probing. Confirm division ratio, accuracy, and compatible instruments from the 80E-5 instruction sheet. Catalog SKU may appear as 8.00E-04 in some exports—faceplate marking is authoritative.



MODEL

Fluke 80E-5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

8.00E-04

LISTING

<https://aumictechlabs.com/products/8-00e-04-4/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 80E-5 Voltage Divider extends the AC and DC voltage measuring range of compatible multimeters to 5 kV peak. This high-voltage accessory safely divides and measures voltages while minimizing loading effects through precision resistor networks. It is engineered for use with multimeters featuring 10 MΩ input impedance and includes a center zero panel meter for quick assessment of voltage magnitude and polarity. Technical Specifications Maximum Input Voltage: 5 kV peak Division Ratios: 500:1 and 5,000:1 Output Terminals: 10V and 1V outputs Resistor Type: Precision wirewound with low temperature coefficient Loading Error: Approximately 0.1% when using 10V output with 10 MΩ input impedance multimeters Panel Meter: Center zero display for voltage magnitude and polarity observation Key Features Dual output terminals support flexible measurement configurations. The 10V output introduces minimal loading error (≈0.1%) with

standard 10 M Ω multimeters, while the 1V output provides extended range capability. Precision wirewound resistors with low temperature coefficients ensure stable, accurate readings across operating conditions. Center zero panel meter provides real-time voltage indication independent of connected test equipment. Case design accommodates both benchtop and rack-mount installation.

Typical Applications High-voltage AC and DC measurements requiring safe attenuation
Field and laboratory voltage measurements up to 5 kV peak
Systems where standard multimeter input ranges are insufficient

Compatibility & Integration Designed for use with Fluke differential voltmeters and null-type potentiometers. Primary application is with multimeters featuring 10 M Ω input impedance. Fluke differential voltmeters at null present infinite input impedance and eliminate loading error entirely.

Features & description

From manufacturer datasheet

Features

- High-voltage divider accessory
- 5 kV maximum rating class
- Works with compatible Fluke inputs

Applications

- High-voltage measurement with compatible Fluke instruments
- Safe extension of meter voltage range to 5 kV class

80E Characteristics / Specifications

PARAMETER	VALUE
Model	80E-5
Manufacturer	Fluke
Instrument Type	Voltage Divider
Alias	80E-5; Fluke 80E-5; 80E5
Maximum voltage	5 kV
Type	Voltage divider accessory Notes Confirm division ratio, accuracy, and compatible instruments from the 80E-5 instruction sheet. Catalog SKU may appear as 8.00E-04 in some exports–faceplate marking is authoritative.

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

Specifications

PARAMETER	VALUE
Model	80E-5
Manufacturer	Fluke
Instrument Type	Voltage Divider
Alias	80E-5; Fluke 80E-5; 80E5

Maximum voltage: 5 kV

Type: Voltage divider accessory

Notes

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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.