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Data Sheet
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FLUKE

Fluke FTK200 Optical Fiber Test Kit

Fluke Networks FTK200 Optical Fiber Test Kit The Fluke Networks FTK200 Optical Fiber Test Kit measures optical power and loss at 850 1300 1310 and 1550 nm using the FM150 Fiber Meter and FS150 Fiber Source. OEM FTK200 users guide tables list germanium detector, measurement range plus 6 dBm to minus 50 dBm, 0.01 dB resolution, plus or minus 0.25 dB accuracy at 25 C and minus 10 dBm, and FS150 LED outputs at 850/1300 nm into 62.5 um fiber. Multimode optical power and loss testing, contractor fiber acceptance with stored results (up to 500 records per wavelength on FM150), and optional singlemode testing with LS-1310/1550 laser source. The Fluke Networks FTK200 Optical Fiber Test Kit measures optical power and loss at 850 1300 1310 and 1550 nm using the FM150 Fiber Meter and FS150 Fiber Source. OEM FTK200 users guide tables list germanium detector, measurement range plus 6 dBm to minus 50 dBm, 0.01 dB resolution, plus or minus 0.25 dB accuracy at 25 C and minus 10 dBm, and FS150 LED outputs at 850/1300 nm into 62.5 um fiber. Multimode optical power and loss testing, contractor fiber acceptance with stored results (up to 500 records per wavelength on FM150), and optional singlemode testing with LS-1310/1550 laser source.

MODEL **Fluke FTK200**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **FTK200**	LISTING **https://aumictechlabs.com/products/ftk200-2/**

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The Fluke FTK200 Optical Fiber Test Kit delivers optical power and loss measurement across multiple wavelengths for multimode and singlemode fiber verification. The kit pairs the FM150

Fiber Meter with the FS150 Fiber Source to enable loss measurements, continuity checks, and power characterization essential for network installation and maintenance. Measurements display in dBm or µW with 0.01 dB resolution and ±0.25 dB accuracy. Data logging stores up to 500 measurements per wavelength, with serial output and PC integration via included Data-LINK software for reporting and live power stability analysis. Technical Specifications FM150 Fiber Meter Measurement range: +6 dBm to -50 dBm Resolution: 0.01 dB Accuracy: ±0.25 dB at 25 °C Wavelengths: 850 nm, 1300 nm, 1310 nm, 1550 nm Detector: Germanium Power units: dBm or µW Memory: 500 measurements per wavelength Battery: 9V alkaline, up to 30 hours operation Auto power-down: ~5 minutes idle Operating temperature: 0 °C to +50 °C Storage temperature: -30 °C to +60 °C Humidity: 0 to 95% RH (non-condensing) Dimensions: 3.2 in × 5.8 in × 1.5 in Weight: 8.6 oz (244 g) Data interface: Serial port with Data-LINK software FS150 Fiber Source Wavelengths: 850 nm, 1300 nm Output power: -20 dBm nominal (62.5 µm multimode fiber) Stability: ±0.2 dB per 8 hours at 20 °C; ±0.1 dB per 8 hours at 25 °C (post 20-minute warm-up) Connector: ST Battery: 9V alkaline, ~24 hours typical Operating temperature: 0 °C to +40 °C Humidity: Up to 75% RH at 0 °C to +40 °C Dimensions: 4.5 in × 2.5 in × 1.5 in Key Features Dual-wavelength source for 850 nm and 1300 nm multimode testing Loss comparison via stored reference level Battery status display with low-battery indicator Live data capture for power stability verification Report generation through Data-LINK software Typical Applications Fiber optic network installation and commissioning Loss budget verification across multimode and singlemode links Field troubleshooting and continuity testing Power output characterization from network interface cards and test sources Compatibility & Integration Serial port connectivity enables data upload to PC and output to serial printers. Data-LINK software manages measurement archiving, real-time monitoring, and documentation generation.

FTK200 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	Fluke Networks FTK200
Meter Model	FM150
Detector Type	Germanium
Calibrated Wavelengths	850 nm 1300 nm 1310 nm 1550 nm
Measurement Range	plus 6 dBm to minus 50 dBm
Resolution	0.01 dB
Loss And Power Accuracy	plus or minus 0.25 dB at 25 C and minus 10 dBm
Meter Operating Temperature	0 C to 50 C
Meter Storage Temperature	minus 30 C to 60 C
Meter Humidity	0 to 95 percent RH non-condensing
Meter Battery	9 V alkaline; 30 hours typical
Meter Display	4 digit LCD
Source Model	FS150
Source Type	infrared LED
Source Wavelength 8	850 nm plus or minus 30 nm
Source Wavelength 13	1300 nm minus 10 nm / plus 50 nm
Source Output Power	minus 20 dBm nominal into 62.5 um multimode
Source Connector	ST
Source Stability	plus or minus 0.1 dB per 8 hours at 25 C
Source Battery Life Typical	30 hours alkaline
Source Operating Temperature	0 C to 50 C
Source Storage Temperature	minus 20 C to 70 C
Source Dimensions	8.1 cm x 14.2 cm x 3.8 cm
Source Weight	204 g
Storage temperature	minus 30 C to 60 C

PARAMETER	VALUE
Operating temperature	0 C to 50 C
Humidity	0 to 95 percent RH non-condensing

FTK200 Specifications

PARAMETER	VALUE
Fluke Networks FTK200 Optical Fiber Test Kit	Overview
Key Features	FM150 meter calibrated at four wavelengths
Stores up to 500 measurements per wavelength	9 V battery powered handheld kit
Technical Specifications	Instrument Family: Fluke Networks FTK200

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 30 C to 60 C
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Humidity	0 to 95 percent RH non-condensing
Meter Storage Temperature	minus 30 C to 60 C
Meter Humidity	0 to 95 percent RH non-condensing
Meter Battery	9 V alkaline; 30 hours typical
Meter Display	4 digit LCD
Source Model	FS150
Source Type	infrared LED
Source Wavelength 8	850 nm plus or minus 30 nm
Source Wavelength 13	1300 nm minus 10 nm / plus 50 nm
Source Output Power	minus 20 dBm nominal into 62.5 um multimode
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Source Stability	plus or minus 0.1 dB per 8 hours at 25 C
Source Battery Life Typical	30 hours alkaline
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Source Dimensions	8.1 cm x 14.2 cm x 3.8 cm
Source Weight	204 g

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
Instrument Family	Fluke Networks FTK200
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Meter Battery	9 V alkaline; 30 hours typical
Meter Display	4 digit LCD
Source Model	FS150
Source Type	infrared LED
Source Wavelength 850	850 nm plus or minus 30 nm
Source Wavelength 1300	1300 nm minus 10 nm / plus 50 nm
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Source Connector	ST
Source Stability	plus or minus 0.1 dB per 8 hours at 25 C
Source Battery Life Typical	30 hours alkaline
Source Operating Temperature	0 C to 50 C
Source Storage Temperature	minus 20 C to 70 C
Source Dimensions	8.1 cm x 14.2 cm x 3.8 cm
Source Weight	204 g

Optional Singlemode Source: LS-1310/1550 laser source

Notes
From Fluke Networks FTK200 Optical Fiber Test Kit Users Guide FM150 and FS150 specification tables. Confirm

FM150 storage firmware and optional laser source on the kit configuration.

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

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