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Data Sheet

August 14, 2026

GREENLEE / TEMPO / RIFOCS

RIFOCS 575L Optical Power Meter

RIFOCS 575L Optical Power Meter InGaAs +3 to minus 75 dBm The RIFOCS (later Greenlee/Tempo) 575L isalaboratory/manufacturing optical power meter. OEM 575L literature lists a 1 mm InGaAs detector, calibrated wavelengths 780/850/1300/1550 nm, power range +3 to minus 75 dBm (some listings minus 80 dBm maximum-performance wording), absolute accuracy plus or minus 0.25 dB, resolution 0.01 dB/dBm and 0.001 mW/uW/nW, dB/dBm/watt units, BNC analog output, I2C and RS-232, Snap-On Connector (SOC) interface, and automatic zeroing. The RIFOCS (later Greenlee/Tempo) 575L isalaboratory/manufacturing optical power meter. OEM 575L literature lists a 1 mm InGaAs detector, calibrated wavelengths 780/850/1300/1550 nm, power range +3 to minus 75 dBm (some listings minus 80 dBm maximum-performance wording), absolute accuracy plus or minus 0.25 dB, resolution 0.01 dB/dBm and 0.001 mW/uW/nW, dB/dBm/watt units, BNC analog output, I2C and RS-232, Snap-On Connector (SOC) interface, and automatic zeroing. Fiber insertion-loss tests on single-mode and multimode plant with LED or laser sources in manufacturing and laboratory settings.

**MODEL****Greenlee / Tempo /
RIFOCS 575L****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****575L****LISTING**<https://aumictechlabs.com/products/575l-2/>

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NAICS 423690 · 811210 · 541380

This unit

The Greenlee/Tempo/RIFOCS 575L optical power meter is a reliable tool for measuring optical power in fiber optic networks. This handheld device offers a wide dynamic range, allowing for precise measurements across various signal strengths. It supports multiple wavelength settings to

accommodate different fiber types and applications. The intuitive interface ensures ease of use for technicians in the field or in laboratory settings. This power meter is essential for testing, troubleshooting, and maintaining fiber optic systems, ensuring optimal performance and signal integrity.

575L Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Laboratory optical power meter
Detector Type	1 mm InGaAs
Wavelengths	780 nm, 850 nm, 1300 nm, and 1550 nm
Power Range	plus 3 dBm to minus 75 dBm
Maximum Performance Range Listing	plus 3 dBm to minus 80 dBm (alternate 575L literature)
Absolute Accuracy	plus or minus 0.25 dB
Resolution Log	0.01 dB/dBm
Resolution Linear	0.001 mW / uW / nW
Measurement Modes	dB, dBm, watt
Analog Output	BNC
Remote I2c	I2C interface
Remote Rs2	RS-232
Printer Port	parallel printer port listed on 575L literature
Connector Interface	Snap-On Connector (SOC)
Zeroing	automatic zeroing
Ratio Measurements	ratio measurements for up to 15 channels listed
Daisy Chain	daisy-chain capability listed
Fiber Types	single-mode and multimode with appropriate source
Literature	RIFOCS 575L optical power meter datasheet and manual
Successor Brands	Greenlee / Tempo RIFOCS 575L
Remote Detector	575L-HI3 detector remote listed as an accessory configuration
Display Class	high-resolution digital optical power readout

575L Specifications

PARAMETER	VALUE
Key Features	1 mm InGaAs detector
BNC analog output	I2C daisy-chain and RS-232
Technical Specifications	Instrument Type: Laboratory optical power meter

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 wording), absolute accuracy plus or minus 0.25 dB, resolution 0.01 dB/dBm and 0.001 mW/uW/nW, dB/dBm/watt units, BNC analog output, I2C and RS-232, Snap-On Connector (SOC) interface, and automatic zeroing.

Applications

Fiber insertion-loss tests on single-mode and multimode plant with LED or laser sources in manufacturing and laboratory settings.

Key Features

- 1 mm InGaAs detector
- Logarithmic and linear readout
- SOC interchangeable connectors
- BNC analog output
- I2C daisy-chain and RS-232

Technical Specifications

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Fiber Types	single-mode and multimode with appropriate source
Literature	RIFOCS 575L optical power meter datasheet and manual

PARAMETER	VALUE
Successor Brands	Greenlee / Tempo RIF0CS 575L
Remote Detector	575L-HI3 detector remote listed as an accessory configuration
Display Class	high-resolution digital optical power readout

Notes
Detector, wavelengths, +3 to -75 dBm (and -80 dBm max-performance wording), plus or minus 0.25 dB accuracy, and 0.01 dB resolution from RIF0CS 575L datasheet/manual listings. Confirm the installed SOC adapter and whether a 575L-HI3 remote detector is fitted.

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.