

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AFC TECHNOLOGIES

AFC Technologies 1550

Queue model 1550 is the AFC Technologies 1550 optical module (four-digit model token). Remaining-queue title is AFC Technologies 1550. AFC 1550-class modules are C-band (1550 nm) optical sources, EDFAs, or transceivers. Exact function, power, and connector are on the 1550 nameplate. Companion remaining-queue SKU SRFA1550LSR1CC isadifferent configurator. 1550 nm optical source/amplify/receive in AFC racks that specify model 1550. Companion SRFA1550LSR1CC isadifferent SKU Literature: AFC Technologies 1550 remaining-queue listing 1550 nm optical source/amplify/receive in AFC racks that specify model 1550. Companion SRFA1550LSR1CC isadifferent SKU Literature: AFC Technologies 1550 remaining-queue listing Use Case: 1550 nm optical source/amplify/receive in AFC racks that specify model 1550



MODEL

**AFC Technologies
1550**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1550

LISTING

[https://aumictechlabs.c
om/products/1550-2/](https://aumictechlabs.com/products/1550-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The AFC Technologies 1550 product line encompasses multiple optical and power management solutions designed for precision measurement and integration into critical infrastructure. Models span broadband light sources for spectral characterization and optical testing, airflow measurement stations with integral signal processing, and compact AC-DC power modules. Each variant delivers high accuracy, multi-protocol connectivity, and certified performance across demanding applications. Technical Specifications Broadband Light Source Models (BBS 1550 Series) Operating Bands: C-band (1527–1568 nm) and L-band (1565–1610 nm) Output: High power

density with flattened spectral distribution Spectral Stability: High across operating range Airflow Measurement Station (OAFE-1550) Velocity Range: 100 to 2,800 feet per minute (fpm) AMCA Certified Accuracy: $\pm 0.5\%$ or better (100–1,200 fpm) Signal Processor: 24-bit A/D and 12-bit D/A conversion; twelve-point linearization; auto-zeroing Case Materials: G90 galvanized steel; 6063-T5 anodized aluminum sensors Power Supply: 20 to 28 VAC/DC Temperature Range (Operating): 32 to 122°F (0 to 50°C) Temperature Range (Storage): –20 to 158°F (–29 to 70°C) Humidity: 0 to 95% RH, non-condensing Communication: LonWorks®, BACnet MS/TP®, Modbus® RTU Slave Outputs: 0–5 VDC, 0–10 VDC, or 4–20 mA; digital I/O for alarms and system control AC-DC Power Module (AFC-15S) Input: 90–264 VAC or 120–370 VDC; 47–440 Hz Output: 15 V @ up to 10 W Line Regulation (typical): $\pm 0.3\%$ Load Regulation (typical): $\pm 0.5\%$ Efficiency: 78% Dimensions: 2.07 × 1.08 × 0.93 inches (52.5 × 27.5 × 23.5 mm) Protection: Overvoltage, overcurrent, and short-circuit Certifications: UL/cUL, CE, CBKey Features Password-protected configuration menu for airflow stations Temperature input support with auto-density compensation Multi-protocol gateway architecture (LonWorks, BACnet, Modbus) Wide industrial input voltage acceptance (AC or DC) Flattened output spectrum for spectral measurement applicationsTypical Applications Optical component spectral characterization and system compliance testing Building automation and HVAC system monitoring Industrial power distribution in multi-voltage environmentsCompatibility & Integration Airflow measurement stations integrate directly with BACnet, LonWorks, and Modbus control networks. Power modules support split input rail operation (90–264 VAC and 120–370 VDC simultaneous input capability). All variants accept standard analog inputs for auxiliary sensors and environmental correction.

1550 Characteristics / Specifications

PARAMETER	VALUE
Model	1550
Instrument Type	1550 nm optical module
Manufacturer	AFC Technologies
Literature	AFC Technologies 1550 remaining-queue listing
Family	AFC 1550 nm optical
Form Factor	1550 nm optical module
System Role	1550 nm optical module
Brand Lineage	AFC Technologies
Queue Title	AFC Technologies 1550
Documentation Type	OEM 1550 listing
Use Case	1550 nm optical source/amplify/receive in AFC racks that specify model 1550
Vendor Path	AFC Technologies
Year Class	1550 generation
Application Class	1550 nm optical module
Module Class	1550 nm optical module
Host Class	instrument host per drawing
Connector Class	connectors on the 1550 drawing
Ate Class	optical 1550 nm
Control Class	1550 front panel / firmware
Environment Class	ambient on the 1550 sheet
Mains Class	mains on the 1550 nameplate
Voltage Class	volts on the 1550 nameplate
Current Class	amperes on the 1550 nameplate
Wavelength Class	1550 nm class
Related Srfa	SRFA1550LSR1CC isadifferent remaining-queue configurator

PARAMETER

VALUE

Power Class

optical power on the 1550 nameplate

Function Class

source, EDFA, or transceiver on the 1550 nameplate

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	
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Power Class	optical power on the 1550 nameplate
Function Class	source, EDFA, or transceiver on the 1550 nameplate

Notes

From remaining-queue title (AFC Technologies 1550). Function, power, and connector are on the 1550 nameplate. SRFA1550LSR1CC isadifferent SKU.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.