

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANDO

Ando AQ8201-13 ECL Light Source Module

The Ando AQ8201-13B isaB-suffix plug-in optical module for AQ8201/AQ8203 modular mainframes. OEM AQ8201-series documentation covers optical sources and related low-suffix modules; the -13B suffix denotes a specific optical function within that family. Modular optical production test and automated optical bench measurements when installed in an AQ8201/AQ8203 mainframe. Telecom wavelength optical function class Instrument Type: Plug in optical module for AQ8201 platform Modular optical production test and automated optical bench measurements when installed in an AQ8201/AQ8203 mainframe. Telecom wavelength optical function class Instrument Type: Plug in optical module for AQ8201 platform Host Mainframe: AQ8203 / AQ8201 class frames



MODEL

Ando AQ8201-13

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ8201-13

LISTING

<https://aumictechlabs.com/products/aq8201-13-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Ando AQ8201-13 is an ECL (Edge-Coupled Laser) light source module engineered for optical component characterization and DWDM system verification. This plug-in module integrates into Ando AQ8200 series mainframes AQ8201A, AQ8203, AQ8202, and AQ8204 - to deliver tunable, spectrally pure output across the C-band and adjacent wavelengths. It excels in specification evaluation of DWDM elements including MUX/DEMUX, AWG, and EDFA subsystems. Technical Specifications Wavelength Range: 1460 nm to 1580 nm Wavelength Resolution: 10 pm Wavelength

Accuracy: ± 0.2 nm Optical Output Power: +6 dBm typical; +10.3 dBm maximum Spectral Linewidth: 100 MHz (coherence control ON) / 5 MHz (coherence control OFF) Optical Power Stability: ± 0.005 dB Output Fiber: Single-mode 9/125 μm , FC/APC connector Laser Class: IEC825 Class 3A Operating Temperature: 5 to 40 °C Storage Temperature: 0 to 50 °C Humidity: ≤ 85 % RH (non-condensing) Module Dimensions: 39.5 mm (W) $\times$ 130 mm (H) $\times$ 339 mm (D) Module Weight: 0.7 kg Key Features Tunable output across 1460–1580 nm with 10 pm resolution Ultra-narrow linewidth down to 5 MHz for coherent and precision measurements Exceptional power stability of ± 0.005 dB for repeatable characterization Single-mode fiber delivery via industry-standard FC/APC interface GPIB control (IEEE-488.2) via mainframe for automated test sequences Typical Applications DWDM component specification validation Long-haul optical transmission system verification Optical filter and multiplexer characterization EDFA gain and noise figure measurement Optical component R&D Compatibility & Integration Inserts into AQ8201A (10-slot, 19-inch rack), AQ8203 (3-slot halfsize), AQ8202, or AQ8204 mainframes. Mainframe GPIB port enables remote command and monitoring. AQ8201A accepts 3–10 modules depending on configuration; AQ8203 accommodates up to 3 modules.

Features & description

From manufacturer datasheet

Polarization Dependence Class: Specified PDL class if applicable

Operating Temperature Class: Standard lab Series Family: Ando AQ8201-13B modular optical modules

AQ8201 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Plug in optical module for AQ8201 platform
Module Family	AQ8201-13B
Host Mainframe	AQ8203 / AQ8201 class frames
Remote Interface	GPIB via mainframe
Form Factor	Single slot plug in module
Optical Function Class	AQ8201-13B specific optical function class
Wavelength Support Class	Telecom wavelength class per module sheet
Connector Class	FC SC interchangeable adapters class
Insertion Loss Class	Specified on module datasheet class
Return Loss Class	Specified on module datasheet class
Polarization Dependence Class	Specified PDL class if applicable
Operating Temperature Class	Standard lab
Series Family	Ando AQ8201-13B modular optical modules
Applications Class	Optical component production test
Calibration	Module level optical calibration class
Power	Supplied by host mainframe
Control	Mainframe soft keys and GPIB class
Safety	Optical source safety class if source module
Repeatability Class	High repeatability optical settings class
Resolution Class	Fine setting resolution class
Dynamic Range Class	Module dependent optical range class
Fiber Type Class	Single mode class typical
Operating temperature	Class: Standard lab
Return loss	Class: Specified on module datasheet class
Fiber type	Class: Single mode class typical

AQ8201 Specifications

PARAMETER	VALUE
Applications	Modular optical production test and automated optical bench measurements when installed in an AQ8201/AQ8203 mainframe.
Key Features	AQ8201 series plug in module B suffix
Technical Specifications	Instrument Type: Plug in optical module for AQ8201 platform

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Standard lab
Operating Temperature	Class: Standard lab
Operating Temperature Class	Standard lab
Series Family	Ando AQ8201-13B modular optical modules
Applications Class	Optical component production test
Calibration	Module level optical calibration class
Power	Supplied by host mainframe
Control	Mainframe soft keys and GPIB class
Safety	Optical source safety class if source module
Repeatability Class	High repeatability optical settings class
Resolution Class	Fine setting resolution class
Dynamic Range Class	Module dependent optical range class
Fiber Type Class	Single mode class typical Notes From Ando AQ8201-13B modular optical family documentation. Confirm the exact optical function and numeric limits on the -13B module datasheet.

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 Type	Plug in optical module for AQ8201 platform
Module Family	AQ8201-13B
Host Mainframe	AQ8203 / AQ8201 class frames
Remote Interface	GPIB via mainframe
Form Factor	Single slot plug in module
Optical Function Class	AQ8201-13B specific optical function class
Wavelength Support Class	Telecom wavelength class per module sheet
Connector Class	FC SC interchangeable adapters class
Insertion Loss Class	Specified on module datasheet class
Return Loss Class	Specified on module datasheet class
Polarization Dependence Class	Specified PDL class if applicable
Operating Temperature Class	Standard lab
Series Family	Ando AQ8201-13B modular optical modules
Applications Class	Optical component production test
Calibration	Module level optical calibration class
Power	Supplied by host mainframe
Control	Mainframe soft keys and GPIB class
Safety	Optical source safety class if source module
Repeatability Class	High repeatability optical settings class
Resolution Class	Fine setting resolution class
Dynamic Range Class	Module dependent optical range class
Fiber Type Class	Single mode class typical
Notes	
From Ando AQ8201-13B modular optical family documentation. Confirm the exact optical function and numeric limits on the -13B module 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

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

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.