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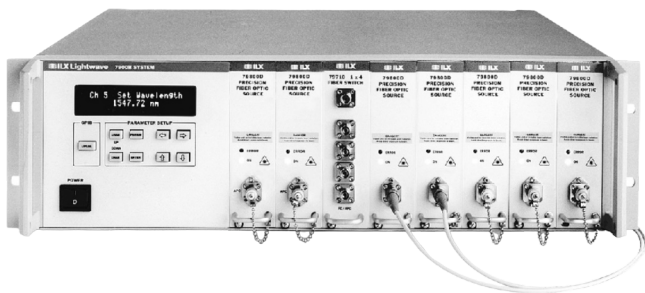
Data Sheet

August 14, 2026

ILX LIGHTWAVE

ILX Lightwave FOS-79880 " ECL Source Module

ILX Lightwave Tunable Laser Sources. Wavelength: dependent measurement in fiber-optic systems, Wavelength: selective experiments.



MODEL

**ILX Lightwave
FOS-79880**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOS-79880

LISTING

<https://aumictechlabs.com/products/fos-79880-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ILX Lightwave FOS-79880 is an External Cavity Laser (ECL) source module delivering a stable, manually tunable light source for optical applications. Designed for integration into the 7900B System Mainframe (sold separately), this module provides continuous wavelength tuning across the C-band via front-panel knob adjustment and fixed output power of 2.0 dBm. Technical Specifications Wavelength Tuning Range: 1530 nm to 1580 nm Output Power: 2.0 dBm Wavelength Adjustment: Manual front-panel knob Architecture: External Cavity Laser (ECL) Key Features Continuous tuning across 50 nm range in the C-band telecommunications window Manual wavelength control via dedicated front-panel adjustment knob Stable optical output at 2.0 dBm nominal power level Modular design compatible with ILX Lightwave 7900B mainframe architecture Typical Applications Optical network characterization and testing Wavelength-dependent measurement in fiber-optic systems Laboratory spectroscopy and wavelength-selective

experiments C-band optical source requirements in test configurations Compatibility & Integration

The FOS-79880 is a source module requiring the ILX Lightwave 7900B System Mainframe for operation. The mainframe provides power distribution, mechanical mounting, and system integration infrastructure. Product Status: This module is classified as Obsolete by the manufacturer. Production has ceased and ILX Lightwave no longer provides technical support, repair services, calibrations, or documentation updates. Existing units remain functional when properly integrated with compatible mainframes, but spare parts and service resources are unavailable.

FOS79880 Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	ILX FOS-79880 fiber optic source
Source Type	laser fiber coupled
Wavelength Class	telecom laser class
Output Power Class	calibrated mW/dBm class
Power Stability Class	high stability class
Fiber Type	singlemode
Connector Interface	FC class
Form Factor	modular FOS or benchtop class
Remote Control	GPIB class on family
Display	status and power class
Operating Temperature Class	laboratory
Series Family	ILX FOS-79800
Related Model	FOS-79800C class sibling
Modulation Class	configuration dependent
Safety	laser product class per label
Spectral Width Class	laser linewidth class
Warmup	specified stability after warm-up
Attenuation Path	configuration dependent
Linewidth	class
Attenuation	Path: configuration dependent
Power stability	Class: high stability class
Operating temperature	Class: laboratory

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory
Operating Temperature	Class: laboratory
Operating Temperature Class	laboratory
Series Family	ILX FOS-79800
Related Model	FOS-79800C class sibling
Modulation Class	configuration dependent
Safety	laser product class per label
Spectral Width Class	laser linewidth class
Warmup	specified stability after warm-up
Attenuation Path	configuration dependent Notes Identity and capability rows from ILX FOS-79880 / FOS-79800 family literature. Confirm exact wavelength and power on the faceplate and calibration certificate.

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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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.