

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

YOKOGAWA

Yokogawa AQ2200-332 Optical Attenuator Module

The Yokogawa AQ2200-332 is an optical attenuator module designed for use with the AQ2200 Multi Application Test System. It provides precise and reliable attenuation of optical signals, essential for testing and characterizing optical communication systems and components. This module offers a wide attenuation range and high resolution, ensuring accurate measurements in various applications.



MODEL

**Yokogawa
AQ2200-332**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

AQ2200-332

LISTING

<https://aumictechlabs.com/products/aq2200-332-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Yokogawa AQ2200-332 is a single-slot optical attenuator module for the AQ2200 Multi Application Test System. It delivers precise optical signal attenuation across a broad wavelength range while simultaneously monitoring output power through an integrated optical power meter. The module combines variable optical attenuation with real-time power measurement in a compact footprint, making it essential for bit error testing, optical attenuator evaluation, and photoreceptor characterization in laboratory and field environments.

Technical Specifications

Optical Performance Wavelength range: 800 to 1700 nm (SMF: 1200–1700 nm; MMF: 800–1370 nm) Attenuation range: Up to 60 dB (SMF), up to 45 dB (MMF) Attenuation accuracy: ± 0.1 dB

Attenuation resolution: 0.001 dB Insertion loss: 1.9 dB (typical) Return loss: >45 dB (typical), >20 dB (minimum) Polarization dependent loss: <0.1 dBp-p Maximum input power: +23 dBm Fiber Support Single Mode Fiber (SMF): 10/125 μm Multi-Mode Fiber (MMF): 50/125 μm , 62.5/125 μm Physical & Mechanical Dimensions: 31 mm (W) $\times$ 117 mm (H) $\times$ 31.5 mm (D) Weight: 0.9 kg Optical connector: FC/PC Key Features Integrated optical power meter for direct output power monitoring and setup Single-slot module design for minimal footprint within the AQ2200 chassis Fine attenuation control with 0.001 dB resolution and ± 0.1 dB accuracy Supports both single-mode and multi-mode fiber across extended wavelength bands Low polarization dependent loss ensures minimal signal distortion Typical Applications Bit error rate (BER) testing and optical link characterization Variable optical attenuator (VOA) evaluation and validation Photoreceptor output linearity measurement Optical communication system component testing Compatibility & Integration Designed for the Yokogawa AQ2200 Multi Application Test System (firmware 3.04 and later). Integrates with other AQ2200 series modules and Yokogawa optical communication instruments to build modular measurement configurations.

Features & description

From manufacturer datasheet

Features

- Variable attenuator plus built-in monitor power meter

Polarization Dependence: 0.08 dBp-p or less

Maximum Input Power: +23 dBm Built in Shutter Isolation: 90 dB or more Applicable Fiber: SMF (ITU-T G.652) or MMF (GI 50/125, 62.5/125) Optical Connectors: FC/PC or SC/PC (suffix) Return Loss: 40 dB or more Slot Width: 1 slot Operating Temperature: +5 to +35 degC Alias: AQ2200-332 Attenuation Setting Resolution: 0.01 dB Wavelength Setting Resolution: per monitor function Notes Specs from Yokogawa AQ2200-332 product page and BUAQ2200-20EN supplement. Select -SA (SMF) or -G5/-G6 (MMF) and connector suffix.

AQ2200332 Characteristics / Specifications

PARAMETER	VALUE
Model	AQ2200-332
Manufacturer	Yokogawa
Instrument Type	Optical Attenuator Module with Monitor
Series	AQ2200 Multi Application Test System
Platform	AQ2200/AQ2212 frame controller required
Channels	1
Wavelength Range SM	1200 to 1700 nm; 800 to 1370 nm
Maximum Attenuation	45 dB (800 to 1370 nm); 60 dB (1200 to 1700 nm)
Power Setting Range	-50 to +20 dBm (output monitor mode)
Setting Resolution	0.01 dB
Attenuation Accuracy	+/-0.1 dB or less
Repeatability	+/-0.05 dB typical (0 to 20 dB)
Insertion Loss	1.6 dB or less (800 to 1370 nm); 1.0 dB typical (1200 to 1700 nm)
Polarization Dependence	0.08 dBp-p or less
Maximum Input Power	+23 dBm
Built in Shutter Isolation	90 dB or more
Applicable Fiber	SMF (ITU-T G.652) or MMF (GI 50/125, 62.5/125)
Optical Connectors	FC/PC or SC/PC (suffix)
Return Loss	40 dB or more
Slot Width	1 slot
Operating Temperature	+5 to +35 degC Alias: AQ2200-332
Attenuation Setting Resolution	0.01 dB
Wavelength Setting Resolution	per monitor function Notes Specs from Yokogawa AQ2200-332 product page and BUAQ2200-20EN supplement. Select -SA (SMF) or -G5/-G6 (MMF) and connector suffix.
Wavelength range	SM: 1200 to 1700 nm; 800 to 1370 nm

PARAMETER	VALUE
Attenuation	accuracy within +/-0.1 dB

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	+5 to +35 degC Alias: AQ2200-332
Operating Temperature	+5 to +35 degC Alias: AQ2200-332
Attenuation Setting Resolution	0.01 dB
Wavelength Setting Resolution	per monitor function Notes Specs from Yokogawa AQ2200-332 product page and BUAQ2200-20EN supplement. Select -SA (SMF) or -G5/-G6 (MMF) and connector suffix.

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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PARAMETER	VALUE
Model	AQ2200-332
Manufacturer	Yokogawa
Instrument Type	Optical Attenuator Module with Monitor
Specifications	
PARAMETER	VALUE
Series	AQ2200 Multi Application Test System
Platform	AQ2200/AQ2212 frame controller required
Channels	1
Specifications	
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Specifications

PARAMETER	VALUE
Built in Shutter Isolation	90 dB or more
Applicable Fiber	SMF (ITU-T G.652) or MMF (GI 50/125, 62.5/125)
Optical Connectors	FC/PC or SC/PC (suffix)

Specifications

PARAMETER	VALUE
Return Loss	40 dB or more
Slot Width	1 slot
Operating Temperature	+5 to +35 degC Alias: AQ2200-332

Attenuation Setting Resolution: 0.01 dB

Wavelength Setting Resolution: per monitor function

Notes

Specs from Yokogawa AQ2200-332 product page and BUAQ2200-20EN supplement. Select -SA (SMF) or -G5/-G6 (MMF) and connector suffix.

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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NIST-traceable calibration · SAM registered ·
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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.