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Find the *Yokogawa / Ando AQ-4303B* at our website: *Click HERE*

Light Source AQ-4303B

Ideal light source for loss-wavelength characteristics measurement



GP-IB

General

The AQ-4303B is a white light source effective for loss-wavelength characteristics measurement of optical fibers and devices.
This wide-band, highly stable light source, which employs a high-power halogen lamp, provides CW light and 270 Hz square wave modulated light by the chopper incorporated.
The AQ-4303B also incorporates an optical filter that can be readily inserted by switch operation to remove higher-order optical components.

Features

- **Wide-band, highly stable output**
The AQ-4303B covers a band of 400 to 1800 nm and provides highly stable optical outputs with a deviation of ±0.05 dB.
- **270Hz chopped light**
The AQ-4303B provides 270 Hz square wave modulated light by a chopper for low-level measurement.
- **Removal of higher-order optical components**
The built-in optical filter can be inserted by simple switch operation to prevent higher-order optical components from entering the band selected.
- **GP-IB remote control**
The AQ-4303B is provided as standard with a GP-IB remote-control function that enables automatic measuring system setup.

Applications

The AQ-4303B, in conjunction with the AQ-6315A/B Optical Spectrum Analyzer, is effective in measuring loss-wavelength characteristics of optical fibers and devices.

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Light Source AQ-4303B

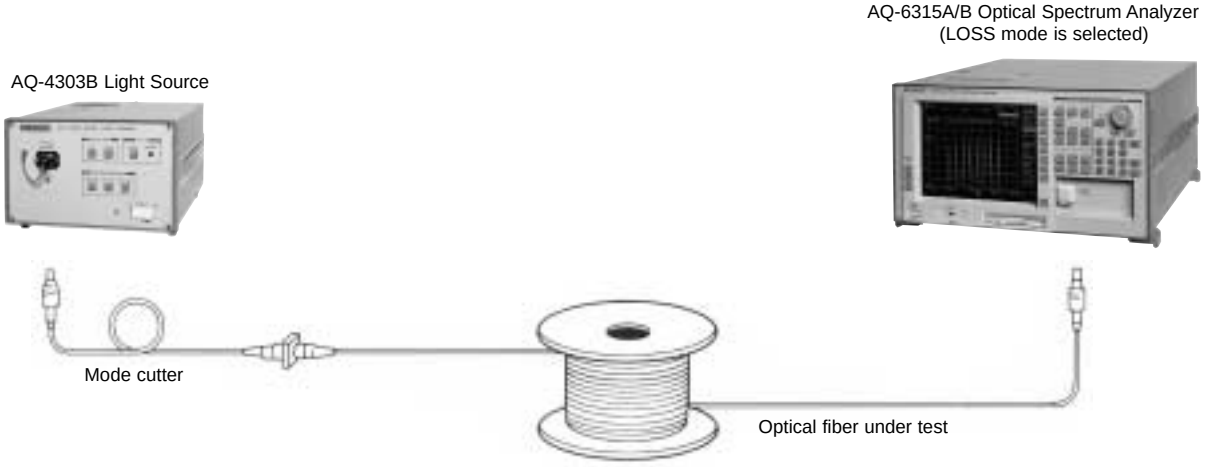
Specifications

Wavelength range	400 to 1800 nm
Output stability	±0.05 dB (at 20 °C, for 1 hour)
Output waveform	CW or 270 Hz chopped light
Output level	-45 dBm or more (50/125 µm GI fiber, wavelength of 850 nm and 1300 nm, bandwidth of 10 nm, CW)
GP-IB interface	Supplied as standard
Power requirements	AC 100 to 200V, 200 to 240V, 50/60 Hz, approx. 160 VA
Dimensions and mass	Approx. 212(W) x 133(H) x 250(D) mm, approx. 5 kg
Accessories	Power cord; 1, instruction manual; 1 copy

Note: The standard optical connector is FC type. Inquire for information on other optical connectors.

Measuring System

Typical measuring system for optical fiber loss-wavelength characteristics measurement



**Specifications are subject to change without notice.*

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