The FLS-5834A is a modulated, polarized, high-power LED that can also be used as a broadband source for DWDM channel and component testing.

**KEY FEATURES AND BENEFITS**

- High-power super LED (SLED)
- Modulated for chromatic dispersion measurement
- Polarized for PMD measurement
- Broadband spectral range
HIGH MODULATION

The FLS-5834A's high modulation makes it a perfect complement to the FTB-5800 chromatic dispersion (CD) analyzer, whose technology is based on the phase-shift method. This first-class duo lets you run CD measurements through amplifiers such as EDFAs, providing the highest accuracy in field CD testing.

HIGH DEGREE OF POLARIZATION

When you need a broadband, highly polarized source for measuring polarization mode dispersion (PMD), turn to the FLS-5834A. Test PMD through EDFAs by combining the FLS-5834A with the patented, breakthrough technology of the FTB-5500B PMD analyzer.

SPECIFICATIONS

- Center wavelength (nm): 1580 ±10
- Output power (dBm): 7
- Peak spectral density (dBm/nm): > –12.5
- Power stability (15 minutes) (dB): < 0.075
- Modulation frequency (MHz): 100

GENERAL SPECIFICATIONS

- Size (H x W x D): 117 mm x 222 mm x 333 mm (4 5/8 in x 8 3/4 in x 13 1/8 in)
- Weight (without transceivers): 3.2 kg (7.1 lb)
- Temperature Operating: 0 °C to 40 °C (32 °F to 104 °F)
- Storage: –20 °C to 50 °C (–4 °F to 122 °F)
- Relative humidity: 0 % to 90 % non-condensing

LED SAFETY

CLASS 1 LASER PRODUCT

ORDERING INFORMATION

Model: FLS-5834A = 1550 nm and 1625 nm

Example: FLS-5834A-E1-EUI-89

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EXFO serves over 2000 customers in more than 100 countries. To find your local office contact details, please go to www.EXFO.com/contact.

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