SHEET

FLS-5834A

CD/PMD ANALYZER SOURCE



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 Analyzer, whose technology is based on the phase-shift method. This first-class duo lets you run chromatic dispersion (CD) measurements through amplifiers such as EDFAs, providing the highest accuracy in field CD testing.

HIGH DEGREE OF POLARIZATION

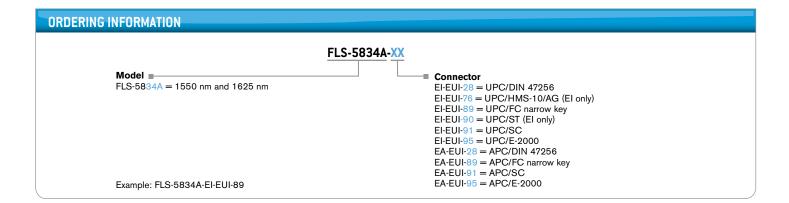
When you need a broadband, highly polarized source for measuring PMD, turn to the FLS-5834A. Test PMD through EDFAs by combining the FLS-5834A with the patented, breakthrough technology of the FTB-5500B PMD Analyzer.

SPECIFICATIONS ^a	
Center wavelength (nm)	1580 ±10
Output power (dBm)	4
Peak spectral density (dBm/nm)	>-12.5
Power stability (15 minutes) (dB)	< 0.075
Modulation frequency (MHz)	100

GENERAL SPECIFICATIONS	
Dimensions (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)
Relative humidity (non-condensing)	0 % to 90 %
Temperature operating storing	0 °C to 40 °C (32 °F to 104 °F) -20 °C to 50 °C (-4 °F to 122 °F)

NOTE

a. Typical



LED SAFETY

IEC 60825-1:2001 CLASS 1M LED PRODUCT

EXFO Headquarters > Tel.: +1 418 683-0211 | Toll-free: +1 800 663-3936 (USA and Canada) | Fax: +1 418 683-2170 | info@EXFO.com | www.EXFO.com

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

EXFO is certified ISO 9001 and attests to the quality of these products. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

For the most recent version of this spec sheet, please go to the EXFO website at www.EXFO.com/specs.

In case of discrepancy, the Web version takes precedence over any printed literature.



