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TECHNOLOGY GROUP

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Find the *Exfo FLS-5834-EI* at our website: ***Click HERE***

FLS-5834A

NETWORK TESTING–OPTICAL



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

EXFO's FLS-5834A CD/PMD Analyzer Source is a modulated, polarized, high-power SLED. Thanks to its high power density, you can use it as a broadband source for DWDM channel and component testing.

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 patent-design breaktrough technology of the FTB-5500B PMD Analyzer.

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SPECIFICATIONS [a]

Center wavelength (nm)	1580 ±20
Output power (dBm)	7
Peak spectral density (dBm/nm)	> –12.5
Power stability (15 minutes) (dB)	< 0.075
Modulation frequency (MHz)	100

GENERAL SPECIFICATIONS

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

NOTES

a. Typical

ORDERING INFORMATION

MODULE

FLS-5834A-XX

Model
FLS-5834A = 1550 nm and 1625 nm

Connector
EI-EUI-28 = UPC/DIN 47256
EI-EUI-76 = UPC/HMS-10/AG (EI only)
EI-EUI-89 = UPC/FC narrow key
EI-EUI-90 = UPC/ST (EI only)
EI-EUI-91 = UPC/SC
EI-EUI-95 = UPC/E-2000
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000

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

LED SAFETY

IEC 60825-1:2001 CLASS 1M LED PRODUCT

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EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. All of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit **www.EXFO.com/recycle**. 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. **Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.**

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SPFLS5800.3AN

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Printed in Canada 07/12

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