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

5800

R&D AND MANUFACTURING

CD/PMD ANALYZER SOURCE

FLS-5800



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

EXFO's FLS-5800 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-5800'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 measuring PMD and a broadband, polarized source is required, turn to the FLS-5800, which features a high degree of polarization. Test PMD through EDFA's by combining the FLS-5800 with patent-design breaktrough technology FTB-5500B PMD Analyzer.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

CD/PMD Analyzer Source

SPECIFICATIONS[1]

	C band	L band
Center wavelength (nm)	1550 ± 10	1607.5 ± 17.5
Output power (dBm)	4	4
Peak spectral density (dBm/nm)	> –12.5	> –12.5
Power stability (15 minutes) (dB)	< 0.075	< 0.075
Modulation frequency (MHz)	100	101

Notes
1. Typical

GENERAL SPECIFICATIONS

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 (non-condensing)		0 % to 90 %	
Size (H x W x D)		11.7 cm x 22.2 cm x 33.3 cm	4 5/8 in x 8 3/4 in x 13 1/8 in
Weight		3.2 kg	7.1 lb

ORDERING INFORMATION

CD/PMD Analyzer Source

FLS-58XX-XX

Model
FLS-5803 = 1550 nm SuperLED
FLS-5804 = 1625 nm SuperLED
FLS-5834 = 1550 nm and 1625 nm SuperLEDs

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-5803-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. 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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