# FLS-5834B

#### CD/PMD ANALYZER SOURCE

The FLS-5834B 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

## RELATED PRODUCTS



Chromatic dispersion (CD) analyzer FTB-5800



Polarization mode dispersion (PMD) analyzer FTB-5500B



#### **HIGH MODULATION**

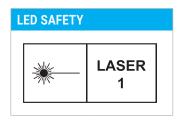
The FLS-5834B's high modulation makes it a perfect complement to the FTB-5800 chromatic dispersion (CD) analyzer, whose technology is based on the phase-shift method. This first-class duo lets you run CD measurements through amplifiers such as EDFAs, providing the highest accuracy in field CD testing.

#### **HIGH DEGREE OF POLARIZATION**

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

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

GENERAL SPI	ECIFICATIONS	
Size (H x W x D)	)	194 mm x 99 mm x 40 mm (7.6 in x 3.9 in x 1.6 in)
Weight		0.5 kg (1.1 lb)
Temperature	Operating Storage	0 °C to 40 °C (32 °F to 104 °F) -20 °C to 50 °C (-4 °F to 122 °F)
Relative humidity		0 % to 90 % non-condensing



ORDERING INFORMATION	
	FLS-5834B-XX  ■ Connector  EI-EUI-89 = UPC/FC  EA-EUI-89 = APC/FC  EI-EUI-90 = UPC/ST³  EI-EUI-91 = UPC/SC  EA-EUI-91 = APC/SC  EI-EUI-95 = UPC/E2000  EA-EUI-95 = APC/E2000  EI-EUI-98 = UPC/LC  EA-EUI-98 = APC/LC  EI-EUI-28 = UPC/LC  EA-EUI-28 = APC/DIN 47256  EA-EUI-28 = APC/DIN 47256
	Example: FLS-5834B-EI-EUI-91

a. EUI-90 ST connector is only available in UPC configuration

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