# 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

PEC SHEET



#### **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

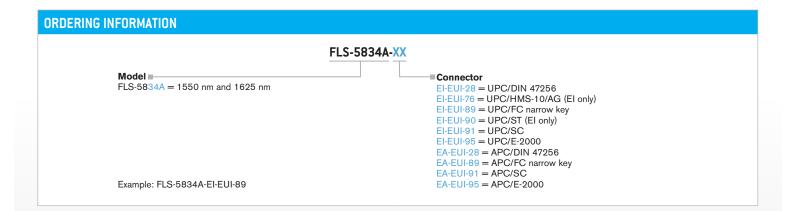
When you need a broadband, highly polarized source for measuring polarization mode dispersion (PMD), turn to the FLS-5834A. Test PMD through EDFAs by combining the FLS-5834A with the patented, breakthrough technology of the FTB-5500B PMD analyzer.

SPECIFICATIONS a	
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 SPE	CIFICATIONS	
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 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



a. Typical



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