

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

SPEC SHEET

EXFO

Specifications and descriptions are subject to change without prior notice.

überreicht durch:

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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 *		GENERAL SPECIFICATIONS	
Center wavelength (nm)	1580 ±10	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)
Output power (dBm)	4	Weight (without transceivers)	3.2 kg (7.1 lb)
Peak spectral density (dBm/nm)	> -12.5	Relative humidity (non-condensing)	0 % to 90 %
Power stability (15 minutes) (dB)	< 0.075	Temperature	operating 0 °C to 40 °C (32 °F to 104 °F) storing -20 °C to 50 °C (-4 °F to 122 °F)
Modulation frequency (MHz)	100		

NOTE

a. Typical

ORDERING INFORMATION

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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