

# FTB-2200

## BROADBAND SOURCE

- Compact, rugged and reliable—ideal for OSP environment.



### KEY FEATURES

Battery-operated, high-power polarized light source

40G-/100G-ready: includes polarization scrambler for increased accuracy

For use with EXFO's FTB-5500B PMD Analyzer, providing the most accurate polarization mode dispersion analysis in the field

### PLATFORM COMPATIBILITY



FTB-200 compact platform with NS-1565 software.

## NARROWER MARGINS, BETTER MEASUREMENTS

With increasing data speeds, polarization mode dispersion (PMD) measurements are more critical than ever.

The FTB-2200 broadband source is a high-power, polarization-scrambled broadband LED source covering the C + L bands. It is ideal for conducting high-accuracy PMD measurements and was specifically designed to work with EXFO's FTB-5500B PMD analyzer to provide the most accurate and fastest PMD measurements in the field.

### SPECIFICATIONS<sup>a</sup>

Center wavelength (nm)	1580 ±20
Output power (dBm) <sup>b</sup>	7
Peak spectral density (dBm/nm) <sup>b</sup>	≥ -12.5
Power stability (15 minutes) (dB) <sup>c</sup>	± 0.015

### GENERAL SPECIFICATIONS

Size (H x W x D)	96 mm x 51 mm x 260 mm (3 ¾ in x 2 in x 10 ¼ in)
Weight	1.5 kg (3.3 lb)
Temperature	operating: 0 °C to 40 °C (32 °F to 104 °F) storage: -20 °C to 50 °C (-4 °F to 120 °F)
Relative humidity	0 % to 95 % non-condensing
Connectors	EI (EXFO UPC universal interface) EA (EXFO APC universal interface)

a. Specifications are valid at 23 °C ± 2 °C after warm-up time of 30 minutes.

b. Typical.

c. Power stability is expressed as ± half the difference between the maximum and minimum values measured in the period.

### LASER SAFETY

Your instrument is a Class 1M laser product in compliance with standards IEC 60825-1: 2007 and 21 CFR 1040.10, except for deviations pursuant to Laser Notice.50, dated June 24, 2007.

INVISIBLE LASER RADIATION,  
DO NOT VIEW DIRECTLY WITH  
OPTICAL INSTRUMENTS



### ORDERING INFORMATION

FTB-2200-NS1565-XX

#### Connector

EI-EUI-28 = UPC/DIN 47256  
EI-EUI-76 = UPC/HMS-10/AG  
EI-EUI-89 = UPC/FC narrow key  
EI-EUI-90 = UPC/ST  
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: FTB-2200-NS1565-EA-EUI-89

a. Compatible with FTB-200 only; must install NS1565 software.

**EXFO headquarters** T +1 418 683-0211 **Toll-free** +1 800 663-3936 (USA and Canada)

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