# 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) °	± 0.015

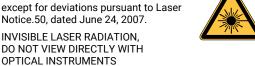
GENERAL SPECIFICATIONS				
Size (H x W x D	)	96 mm x 51 mm x 260 mm (3 ¾ in x 2 in x 10 ¼ in)		
Weight		1.5 kg (3.3 lb)		
Temperature	operating storage	0 °C to 40 °C (32 °F to 104 °F) -20 °C to 50 °C (-4 °F to 120 °F)		
Relative humidi	ty	0 % to 95 % non-condensing		
Connectors		EI (EXFO UPC universal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

- a. Specifications are valid at 23 °C  $\pm$  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.





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-89 = APC/DIN 47256  EA-EUI-89 = APC/FC narrow key  EA-EUI-91 = APC/FC	
Example: FTB-2200-NS1565-EA-EUI-89	EA-EUI-95 = APC/E-2000	

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

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