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.

Feature(s) of this product is/are protected by one or more of US patents 6,612,750 and 8,373,852.
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.

### FTB-2200 SPECIFICATIONS *

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center wavelength (nm)</td>
<td>1580 ±20</td>
</tr>
<tr>
<td>Output power (dBm)a</td>
<td>7</td>
</tr>
<tr>
<td>Peak spectral density (dBm/nm)b</td>
<td>≥ -12.5</td>
</tr>
<tr>
<td>Power stability (15 minutes) (dB)c</td>
<td>± 0.015</td>
</tr>
</tbody>
</table>

**Notes**

a. Specifications are valid at 23 oC ± 2 oC 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.

### GENERAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (H x W x D)</td>
<td>96 mm x 51 mm x 260 mm (3 ¾ in x 2 in x 10 ¼ in)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.5 kg (3.3 lb)</td>
</tr>
<tr>
<td>Temperature</td>
<td>0 °C to 40 °C (32 °F to 104 °F) for operating and -20 °C to 50 °C (-4 °F to 120 °F) for storage</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>0 % to 95 % non-condensing</td>
</tr>
<tr>
<td>Connectors</td>
<td>EI (EXFO UPC Universal Interface), EA (EXFO APC Universal Interface)</td>
</tr>
</tbody>
</table>

### 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**

Example: FTB-2200-NS1565-EA-EUI-89

**Connector**

- EI-EUI-28 = UPC/DIN 47256
- EI-EUI-76 = UPC/HMS-10/AG
- EI-EUI-90 = UPC/ST
- EI-EUI-91 = UPC/SC
- EI-EUI-95 = UPC/E-2000
- EA-EUI-28 = APC/DIN 47256
- EA-EUI-90 = APC/FC narrow key
- EA-EUI-95 = APC/E-2000

**Note**

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

---

EXFO Headquarters > Tel.: +1 418 683-0211 | Toll-free: +1 800 683-3936 (USA and Canada) | Fax: +1 418 683-2170 | info@EXFO.com | www.EXFO.com

EXFO serves over 2000 customers in more than 100 countries. To find your local office contact details, please go to www.EXFO.com/contact.

EXFO is certified ISO 9001 and attests to the quality of these products. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO’s manufactured products are compliant with the European Union’s WEEE directive. For more information, please visit www.EXFO.com/recycle. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

For the most recent version of this spec sheet, please go to the EXFO website at www.EXFO.com/specs.

In case of discrepancy, the web version takes precedence over any printed literature.