

The FLS-110 Optical Source is a handheld polarized source—ideal for field PMD measurements.

KEY FEATURES

Wide-spectrum LED models for PMD measurement

2 kHz modulation for fiber identification

Three-way powering

Battery life of 14 hours (typical)



WIDE-SPECTRUM POLARIZED SOURCE

Specially designed to work with the FTB-5500 PMD Analyzer, the wide-spectrum FLS-110 Optical Polarized Source provides the high power output needed to measure polarization mode dispersion in the field.

PRACTICAL FEATURES

The FLS-110 offers CW and 2 kHz modulation for fiber identification, complete status indicators, low-battery indicator and an auto-off function. The unit is housed in a sturdy, waterproof case surrounded by a shock-absorbing holster that protects the instrument in tough field conditions. Choose between the O band or the C band LED models. Both units feature high and low power levels to maximize battery life.

POWER TO SPARE

The FLS-110 features three complementary power sources for extended operation. When the rechargeable NiCd battery runs low, the unit automatically switches to the 9 V alkaline battery backup. An AC adapter/charger is also supplied for continuous operation.

SPECIFICATIONS

GENERAL SPECIFICATIONS				
Size (H x W x D)		220 mm x 110 mm x 50 mm (8 ¾ in x 4 ½ in x 2 in)		
Weight	unit shipping	0.75 kg (1 ½ lb) 2.5 kg (5 lb)		
Temperature	operating storage	−10 °C to 40 °C (14 °F to 122 °F) −20 °C to 60 °C (−4 °F to 140 °F)		
Power		NiCd batteries, 9 V alkaline batteries, AC adapter/charger		
Battery life (NiCd + 9 V)		14 hours (typical)		

STANDARD ACCESSORIES

User guide, AC adapter/charger, built-in NiCd batteries. 9 V alkaline battery, carrying case, protective holster, shoulder strap and Certificate of Compliance.

POLARIZED SOURCE SPECIFICATIONS *					
Model	-02P	-03P			
Nominal wavelength	0 band	C band			
Spectral width (nm)	≥ 35	≥ 37			
Emitter type	LED	SLED			
Typical output power (dBm) 9/125 μm	-19	-13			

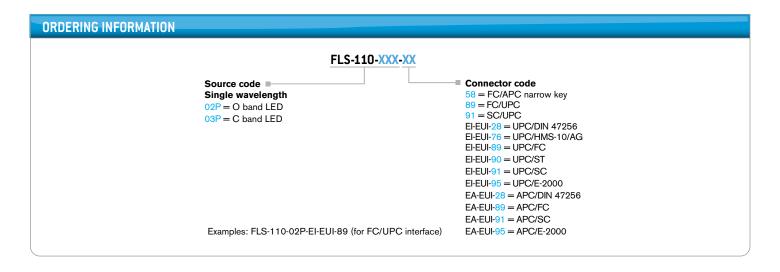
SAFETY

This product complies with 21 CFR 1040.10 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007 and with IEC 60825-1: 2007. CLASS 1 LED PRODUCT

Note

a. At 23 °C \pm 2 °C.





EXFO Headquarters > Tel.: +1 418 683-0211 | Toll-free: +1 800 663-3936 (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.

