FLS-110

NETWORK TESTING–OPTICAL

- 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.

EXFO

EXPERTISE REACHING OUT

GENERAL SPECIFICATIONS

Size (H x W x D)	220 mm x 110 mm x 50 mm (8 $^3/_4$ in x 4 $^1/_2$ in x 2 in)
Weight	
unit	0.75 kg (1 $^1/_2$ lb)
shipping	2.5 kg (5 lb)
Temperature	
operating	−10 °C to 40 °C (14 °F to 122 °F)
storage	−30 °C to 60 °C (−22 °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 [a]

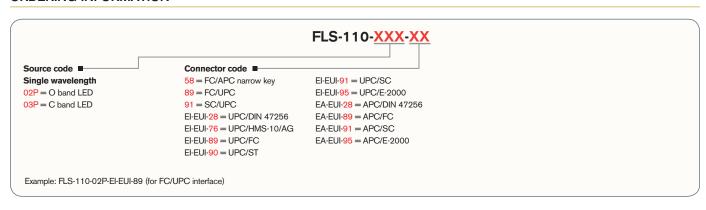| Model	−02P	−03P
Nominal wavelength (nm)	O band	C band
Spectral width (nm)	≥ 35	> 37
Emitter type	LED	SLED
Typical output power (dBm) 9/125 µm	−19	−13

SAFETY

This product complies with 21 CFR 1040.10 and 1040.11, and with IEC 60825-1:1993+A1:1997. CLASS 1 LED PRODUCT

NOTE
a. At 23 °C ± 2 °C.

ORDERING INFORMATION

FLS-110-XXX-XX

Source code ■

Single wavelength
02P = O band LED
03P = C band LED

Connector code ■

58 = FC/APC narrow key
89 = FC/UPC
91 = SC/UPC
EI-EUI-28 = UPC/DIN 47256
EI-EUI-76 = UPC/HMS-10/AG
EI-EUI-89 = UPC/FC
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
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000

Example: FLS-110-02P-EI-EUI-89 (for FC/UPC interface)

EXFO Corporate Headquarters > 400 Godin Avenue, Quebec City (Quebec) G1M 2K2 CANADA | Tel.: +1 418 683-0211 | Fax: +1 418 683-2170 | info@EXFO.com

Toll-free: +1 800 663-3936 (USA and Canada) | **www.EXFO.com**

EXFO America	3701 Plano Parkway, Suite 160	Plano, TX 75075 USA	Tel.: +1 800 663-3936	Fax: +1 972 836-0164
EXFO Asia	100 Beach Road, #22-01/03 Shaw Tower	SINGAPORE 189702	Tel.: +65 6333 8241	Fax: +65 6333 8242
EXFO China	36 North, 3rd Ring Road East, Dongcheng District Room 1207, Tower C, Global Trade Center	Beijing 100013 P. R. CHINA	Tel.: + 86 10 5825 7755	Fax: +86 10 5825 7722
EXFO Europe	Omega Enterprise Park, Electron Way	Chandlers Ford, Hampshire S053 4SE ENGLAND	Tel.: +44 2380 246810	Fax: +44 2380 246801
EXFO NetHawk	Elektroniikkatie 2	FI-90590 Oulu, FINLAND	Tel.: +358 (0)403 010 300	Fax: +358 (0)8 564 5203
EXFO Service Assurance	270 Billerica Road	Chelmsford, MA 01824 USA	Tel.: +1 978 367-5600	Fax: +1 978 367-5700

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.

EXFO
EXPERTISE REACHING OUT