



These optical light sources are the perfect tools for providing a stable light source for multimode or single mode fiber measurements. Features the following:

- Includes FC, SC, and LC adapters to directly connect to UPC/PC FC, SC, and LC fiber connectors
- Highly stable output power and wavelengths
- **FLS-55** Has four different modulation outputs (CW, 270 Hz, 1 kHz, 2 kHz) at 1310 nm and 1550 nm wavelengths
- **FLS-55** Has four different modulation outputs (CW, 270 Hz, 1 kHz, 2 kHz) at 850/1300 nm (multimode) and 1310/1550 nm (singlemode) wavelengths
- Flush button design makes it easy to use and prevents dust from entering the unit
- Shatter-resistant sleeve protects the light source from falls or other damage
- Backlit LCD screen provides a clear display, ideal for dark places
- **FLS-50** Includes: Fiber Optic Light Source (SM), LC Adapter, SC Adapter, (2) Cleaning Swabs, (3) AA Batteries (required for operation), & a Storage Pouch
- **FLS-55** Includes: Fiber Optic Light Source (MM/SM), FC Adapter, LC Adapter, SC Adapter, (2) Cleaning Swabs, (3) AA Batteries (required for operation), & a Storage Pouch

SPECIFICATIONS	FLS-50	FLS-55
FIBER TYPES	Singlemode	Multimode & Singlemode
CONNECTOR TYPES	FC, SC, LC	FC, SC, LC
WAVELENGTHS	1310, 1550	850, 1300, 1310, 1550
TYPICAL OUTPUT POWER	-7 dBm	-7 dBm
OUTPUT STABILITY	$\pm 0.05$ dB / 15 min or $\pm 0.1$ dB / 8 hr	$\pm 0.05$ dB / 15 min or $\pm 0.1$ dB / 8 hr
OPERATING TEMPERATURE	$-10 \pm 60^{\circ}\text{C}$	$-10 \pm 60^{\circ}\text{C}$
SPECTRAL WIDTH	$\leq 10$ nm	$\leq 10$ nm
MODULATION FREQUENCIES	CW / 270 Hz / 1 kHz / 2 kHz	CW / 270 Hz / 1 kHz / 2 kHz
POWER SUPPLY	(3) AA 1.5V alkaline batteries	(3) AA 1.5V alkaline batteries
STORAGE TEMPERATURE	$-25 \pm 70^{\circ}\text{C}$	$-25 \pm 70^{\circ}\text{C}$
DIMENSIONS	7" x 3 3/16" x 1 1/4" (17.78 cm x 8.10 cm x 3.18 cm)	7" x 3 3/16" x 1 1/4" (17.78 cm x 8.10 cm x 3.18 cm)
WEIGHT	0.902 lb (0.409 kg)	0.902 lb (0.409 kg)
UPC #	811490018655	810053350195