



A compact fiber testing kit combining the **FPM-50S** Mini-Optical Power Meter and **FLS-50S** Mini Optical Light Source to measure absolute and relative power loss on single mode fiber at 1310 nm and 1550 nm.

Kit Includes:

FPM-50S - Mini Optical Power Meter, (-50 to +26dBm)

FLS-50S - Mini Optical Light Source with FC/LC/SC Adapters for PC/UPC Connectors

Protective Case Included



The Jonard Tools **FPM-50S** Mini Optical Power Meter is perfect for measuring both the absolute optical power and relative power loss in fiber optic cables. It also features a built-in visual fault locator and network cable tester and remote.

- Measures a wide variety of wavelengths from 800-1650 nm, with a mere 0.01 dB resolution
- Measures 10 preset calibrated wavelengths with high precision to determine absolute or relative power
- LED screen is backlit for viewing in low light locations and a 10 minute auto-off helps preserve battery life
- Built-in 2 mW visual fault locator (VFL) identifies faults in fiber cable in a pinch
- Tests RJ45 connectorized network cables using built-in remote
- Comes with FC and LC adapters so that fiber connectors can be directly connected to the tool
- The FC/SC adapters are for APC/PC/UPC connectors
- **Includes:** Mini Optical Power Meter, Instruction Manual, (2) AAA Batteries (required for operation), FC Adapter, LC Adapter

FPM-50S SPECIFICATIONS	
CONNECTOR TYPES	FC (APC/PC/UPC) & LC (PC/UPC)
CALIBRATED WAVELENGTHS (NM)	850, 980, 1270, 1300, 1310, 1490, 1550, 1577, 1625, 1650 nm, $\leq \pm 0.2$ dB
DETECTOR TYPE	InGaAs
MEASUREMENT RANGE	-50 dBm to +26 dBm
SINGLE MODE RANGE	980, 1270, 1310, 1490, 1550, 1577, 1625, 1650 nm
MULTI MODE RANGE	850, 1300 nm
XGSPON RANGE	1270, 1577 nm
RESOLUTION	0.01 dB
OPERATING TIME	≥ 120 hours
BATTERY TYPE	(2) AAA batteries
DIMENSIONS	4.36 in x 2.66 in x 1.09 in (11.06 cm x 6.76 cm x 2.76 cm)
WEIGHT	0.28 lb (127.12 g)





The Jonard Tools **FLS-50S** is designed to provide either 1310 nm or 1550 nm wavelengths, this optical light source is the perfect tool for providing a stable light source for single mode fiber measurements. It also features a built-in visual fault locator and network cable tester and remote.

- Includes FC, SC, and FC-LC adapters to directly connect to UPC/PC FC, SC, and LC fiber connectors
- Highly stable output power and wavelengths
- Has four different modulation outputs (CW, 270 Hz, 1 kHz, 2 kHz) at 1310 N-m and 1550 nm wavelengths
- Built-in 2 mW visual fault locator (VFL) identifies faults in fiber cable in a pinch
- Tests RJ45 connectorized network cables using built-in remote
- LED screen is backlit for viewing in low light locations and a 10 minute auto-off helps preserve battery life
- **Includes:** Fiber Optic Light Source, FC Adapter, SC Singlemode Adapter, FC-LC Singlemode Adapter, (2) AAA Batteries (required for operation, Hard Case



FLS-50S SPECIFICATIONS	
CONNECTOR TYPES	1.25 mm LC and 2.5 mm FC/SC
WAVELENGTHS (NM)	1310, 1550
TYPICAL OUTPUT POWER	-5 dBm
OUTPUT STABILITY	± 0.05 dB / 15 min or ± 0.1 dB / 8 hr
OPERATING TEMPERATURE	-10 ± 60°C
SPECTRAL WIDTH	≤ 10 nm
MODULATION FREQUENCIES	CW / 270 Hz / 1 kHz / 2 kHz
BATTERY TYPE	(2) AAA 1.5V alkaline batteries
STORAGE TEMPERATURE	-25 ± 70°C
DIMENSIONS	4.5" x 2.63" x 1" (11.43 cm x 6.68 cm x 2.54 cm)
WEIGHT	0.28 lb (127 g)
FPL-5050S MINI LIGHT SOURCE & POWER METER KIT	
UPC #	810132439667

