

# FIBER OPTIC DISPLAY TESTER



BL-526-108



## OPTICAL POWER METER

Delivering High Precision and High Performance to your Fiber Network.

Quickly test and certify your fiber jumper continuity.

- Multi-wavelength precise measurement
- Absolute power measurement of dBm or xW
- Relative power measurement of dB
- Auto-off function
- 270, 330, 1k, 2KHz audio frequency tone identification and indication
- Low voltage indication
- Automatic wavelength identification (with the help of the light source)
- 1000 groups of data storage
- USB port upload
- Real Time Clock (RTC), 650 VFL output Application to interchangeable adapters (FC, ST, SC, LC)

The Optical Power Meter is a small, light, easy to carry device and is equipped with a large LCD screen.

The OPM is designed to test LAN and WAN metropolitan networks, CATV net, and long-distance fiber net. The meter can be used to accurately test fiber loss, check fiber continuity, and help evaluate the transmission quality of a fiber chain. The device can be used to test optical power within the wavelength range of 800~1700nm, using measurement units nW,  $\mu$ W, mW, dB, and dBm.

The meter's display resolution and test accuracy levels are impressive, with six kinds of wavelength calibration points: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, and 1625nm.

The OPM can be used for linearity and non-linearity testing and displays both direct and relative testing of Optical Power.

TEST RITE TECH  
by Steren

A Steren Line of Assurance Tools



## Physical Features

- Interchangeable adapters (FC, ST, SC, LC)
- Easy to use, handheld large LCD backlight display
- Built-in rechargeable Lithium Ion battery

## Improved Functionality

Steren Electronics' new Optical Power Meter is designed to provide the field technician with the right set of measurements, in an easy to read pass/fail format. It is used to test Fiber loss accurately, check Fiber continuity and helps to evaluate the transmission quality of Fiber chain with the laser source.

## Save Time and Money

Save time and money by eliminating future truck rolls and customer service complaints. Technicians can use this device to verify the passive fiber jumper quality and functionality on the first visit.

## Quick/Easy Set-up and Troubleshooting

A technician can power-up and connect, using the included set of adapters, the new Optical Power Meter Tester effortlessly. Within minutes, a technician can use this tester to verify a new jumper or troubleshoot a problem in an existing installation.

<b>Item No</b>	<b>BL-526-108</b>
<b>Wavelength range</b>	800~1700nm
<b>Detector Type</b>	InGaAs
<b>Tolerance</b>	±5%
<b>Resolution</b>	Linearity: 0.1%, Logarithm: 0.01dBm
<b>Standard Wavelength (nm)</b>	850, 1300, 1310, 1490, 1550, 1625
<b>Power testing range (dBm)</b>	-70~+10
<b>Data Storage Capacity</b>	1000 groups
<b>Adapters</b>	Standard: FC, SC, ST Optional: LC
<b>Battery</b>	Li-ion battery
<b>Operating temperature</b>	14°F to 122°F (-10°C to 50°C)
<b>Storage temperature</b>	-22°F to 140°F (-30°C to 60°C )
<b>Weight</b>	15.2 oz (430 g)
<b>Dimensions</b>	7.87 x 3.54 x 1.69 in (200 x 90 x 43 mm)
<b>Upload data to PC through USB port</b>	Yes
<b>Built-in VFL function</b>	Yes
<b>Real-time Clock Display</b>	Yes
<b>Absolute &amp; Relative Power Measurement</b>	Yes
<b>Auto-off Function</b>	Yes
<b>Automatic wavelength identification</b>	Yes