WaveSource FTTH

SKU: WS-FTTHxx (see connector options below)

FTTH Light Source

Features

Includes 1310nm, 1490nm, and 1550nm, the wavelenths required by the ITU G.983.3 Fiber To The Home cabling standard

Temperature-stabilized sources

SC, ST or FC fiber connectors

Extended battery life - up to 30 hrs on one 9v battery

Combination selected source / Low battery indicator LEDs

Intuitive 4-button interface

Continuous Wave (CW) or modulated mode

NIST traceable

Hand-held

Very economically priced

Applications

WaveSource series light sources provide the fiber optic professional with a wide range of options for their testing needs.

The WaveSource FTTH is configured with 1310nm, 1490nm, and 1550nm, the wavelenths required by the ITU G.983.3 Fiber To The Home cabling standard.

WaveSource series light sources provide high output and stability at an economical price. The sources provide temperature-compensated outputs, and have an intuitive 4-button interface with controls for power, transmission mode, wavelength, and auto-test mode. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

When used with a WaveTester optical power meter, the auto-test function of the WaveSource will allow auto-wavelength switching and auto-storage of test points, saving valuable test time.

Warning: Lasers such as the ones in the WaveSource FTTH light source produce intense beams of infrared energy that is invisible to the eye.

NEVER LOOK INTO A LIGHT SOURCE OR THE END OF A FIBER THAT MAY BE ENERGIZED BY A SOURCE!

Exposure to such energy can cause serious retina damage, and prolonged exposure can cause blindness.

Key Specifications

Output Power	-10 dBm (all wavelengths)
Initial Accuracy	+/- .10dB @ 25 C
NIST traceable calibrated wavelengths	1310nm, 1550nm
Additional factory calibrated wavelengths	1490nm
Center Wavelength	1310nm +/- 20nm 1490nm +/- 10nm 1550nm +/- 30nm
Spectral Width	2nm (all wavelengths)
Operating Temperature	-20 to +70 C
Storage Temperature	-40 to +85 C

Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

ASSEMBLED IN USA

N.I.S.T. Traceable

Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.

O.W.L. MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT

OPTICAL WAVELENGTH LABORATORIES™

Optical Wavelength Laboratories (OWL)
N9623 West US Hwy 12
Whitewater, WI 53190
Phone (262)473-0643 Fax: (262)473-8737
http://owl-inc.com