

# 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

Re-chargeable Lithium Polymer battery - up to 120 hours battery life

Combination selected source / Low battery indicator LEDs

Intuitive 4-button interface

Continuous Wave (CW) or modulated mode

NIST traceable

Hand-held

Very economically priced

## 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.



## 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.



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.



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