

WaveSource 1490 FTTH

SKU: WS-S14xx (see connector options below)

Singlemode Laser Source

Features

Optically stabilized FP laser source using 1490nm, a wavelength used in the ITU G.983.3 FTTH cabling standard

SC, ST, or FC fiber connectors

Extended battery life - about 60 hrs on one 9v battery

Combination selected source / Low battery indicator LEDs

Intuitive 2-button operation

NIST traceable

Very economically priced



Applications

The WaveSource 1490 FTTH light source is an excellent low-cost option for fiber optic professionals who need to upgrade their existing singlemode test kit to include 1490nm, a wavelength required by the ITU G.983.3 cabling standard for Fiber To The Home (FTTH) networks.

The WaveSource 1490 FTTH light source provides high output and stability in an economical price. The laser diodes use temperature compensated outputs, and are calibrated to couple -10 dBm of optical power into singlemode fiber. Operation of the source is intuitive with easy to read push-buttons. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

The WaveSource 1490 FTTH is a laser based light source designed to test singlemode FTTH fiber optic links. The LED indicator shows whether the unit is ON or OFF, and whether the battery has enough power to maintain its calibrated output power.

Lasers such as the ones in the WaveSource 1490 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
Initial Accuracy	+/- .10dB @ 25 C
Calibrated Wavelength	1490nm
Center Wavelength	1490nm +/- 10nm
Spectral Width	2nm
Dimensions	4.94 x 2.75 x 1.28 in

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



MADE 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.

