



RADIANTECH

# FiberPal™ Mini Laser Source

# OT-3000

FiberPal™ Mini Laser Source

The OT-3220/3221 is designed for a high performance stabilized laser source, especially in practice for FTTX networking installation and maintenance fieldworks environment requirements. It is usually applied as stable laser sources for wide range of optical testers and tools in optical fiber cabling and transmission systems. OT-3220/3221 performance is in compliant with Bell core requirements for a stable and accurate laser sources by an internal monitor photo-diode which serves as a real-time feedback to adjust the laser current in order to be used fairly stable at certain temperature variance environment.

With FTTX fieldwork practice in mind, the straightforward control panel and the smallest size with its ergonomic exterior design, it is perfect for field fiber testing splicing, connector loss, cable acceptance, attenuation, fiber-type identification in various LAN, FDDI, and ISDN networks throughputs

## ▶ Features

- Dual Wavelength Laser Sources
- CW and 2 kHz, 270 Hz modulation options
- Ergonomic, eye-catching mini handheld package
- Easy of use in FTTX fieldwork environment
- Auto-off for battery saving
- LCD Display with Backlight
- Flashlight Luminosity

## ▶ Applications

- Fiber Loss Measurement
- Fiber Attenuation Measurement
- Stabilized Laser Sources for loss measurement in FTTX networks, can be in use with a high precision Power Meter (e.g. OT-2500)
- Fiber cable identification by using CW or 2 kHz modulated light source



Mini Laser Source  
(OT-3000)

**RADIANTECH, INC.**

[www.radiantech.com.tw](http://www.radiantech.com.tw)

## Technical Specifications<sup>1</sup>

Item/Model	OT-3220	OT-3221
Laser type	FP Laser, Class I	
Wavelength	1310/1550 nm ± 30 nm	1310/1550 nm ± 30 nm
Spectral Width	≤ 5 nm	
Output Power <sup>2</sup>	≥ -6.5 dBm	≥ -3.0 dBm
Stability in 1Hr (8 Hr) <sup>3</sup>	±0.05 dB (±0.1 dB)	
Temperature Stability	±0.02 dB/°C	

## General Specifications

Dimensions	120 (L) x 60 (W) x 25 (H) mm
Weight	< 280 g
Temperature	Operating: 0 to +50°C Storage: -20 to +60°C
Humidity	5 to 95 % (non condensing)
Connector	SC or FC, LC (optional)

### Notes:

<sup>1</sup> Measured at 23±2 °C with Telecordia Technical Reference

<sup>2</sup> Coupled into 9/125 μm fiber

<sup>3</sup> Typical 20-minute warm-up period of time

### Accessories

- One instruction manual
- Two AAA size alkaline batteries
- One certification sheet
- One protection bumper and strap

