Light Source: FiberPal OT-3000

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, 1kHz, 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

Technical Specifications*1

Item/Model

OT-3220

OT-3221

OT-3222

Wavelength

1310/1550 nm ± 30 nm

1625 nm ± 30 nm

Laser type	FP Laser, Class I
Spectral Width	
≤	5 nm
Output Power	

≥ -6.5 dBm

≥ -3.0 dBm

≥ -6.5 dBm

Stability[*3] in 1Hr (8 Hr)

± 0.05 dB (±0.1 dB

Temperature Stability

± 0.02 dB/°C

General Specifications

Dimensions

120 (L) x 60 (W) x 25 (H) m

Weight

Temperature Operating

0 to +50oC

Storage

-20 to +60oC

Humidity

5 to 95 % (non condensing)

Connector

SC or FC, LC (optional)

Notes:

1. Measured at 23±2 °C with Telecordia Technical Reference

2. Coupled into 9/125 µm fiber

3. 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

Quality Assured & Standard Certified

SO 9001

TL 9000

ISO 14000

ISO 17025 (Lab)