

Features

- Displays path loss and optical power
- 1310, 1550 and 1625 nm
- Built-in calibrated optical source
- AC or battery operated
- RS232 remote operation
- Optional rugged fabric carrying case

Description

The VT-2000-3 Single Mode Optical Loss Test Set is a very flexible and versatile unit which has been designed for convenient field measurements of the path loss and optical power at 1310 nm, 1550 nm and 1625 nm. The VT-2000-3 has built-in calibrated optical sources at 1310 nm, 1550 nm and 1625 nm and a highly sensitive calibrated power meter. The easy-to-use controls can be operated in the automatic or manual mode. When operating in the automatic mode, the path loss at all wavelengths is measured and simultaneously displayed in dB on the front panel display. In the manual mode the VT-2000-3 operates as a standalone power meter and optical source and there are a host of options to allow maximum flexibility in making or sourcing measurements. By automatically setting the output power at the end of the output jumper to a known level each VT-2000-3 may be zeroed to itself without any requirement to bring the two sets making the measurement together. All of the functions of the VT-2000-3 are available for remote access via the rear panel RS-232 connector. This connection supports a direct connection to a PC or a modem for dial-up access. The VT-2000-3 is a portable unit that can be powered from an AC source as well as internal batteries. A protective carrying case with accessory pockets is also included. The VT-2000-3 is easy-to-learn and use for the novice fiber optic technician, but offers all the features required for more detailed testing.



Single Mode Optical Loss Test Set

VT2000-3

Specifications:

Optical Sources

1310 +/- 10 nm Single Mode Laser

1550 +/- 10 nm Single Mode Laser

1625 +/- 10 nm Single Mode Laser

Fiber Pigtail: 9 micron core fiber on all sources

Output Connectors: ST standard, SC and FC available

Modulation: Continuous 1 kHz or 2 kHz, or 2 kHz pulsed at 1 Hz

Stability: +/- 0.1 dB over 8 hours at a given temperature

Power Meter

Accuracy: +/- 0.25 dB

Selectable Display Values: dB Rel, dBm, uW

Wavelengths: Calibrated for 1310, 1550 and 1625 nm

Dynamic Range: -60 dBm to 0 dBm

Operating Temperature Range: -10 to +50 deg C

Storage Temperature Range: -40 to + 60 deg C

Other Specs

Powering: 100-120 VAC or 200-240 VAC, automatic sensing
2 Alkaline 'D' Cells, Battery Life Approx. 24 hrs

Remote Operation: via rear panel RS-232 connector

Size: 4.5" H X 11.5" W X 16" D with handle

Weight: 8.6 lbs

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Product Specification subject to change without notice.

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