Optical Sources/Power Meter/Attenuator

TOP130 • TOP140 • TOP160 • TOP200 • TOP220 • TOP300 • TOP400

▶ Features & Benefits

TOP130

Dual Wavelength (850 nm and 1300 nm)

Excellent Long-term Stability

TOP140/TOP160

Stabilized Calibrated Output

Hermetically Sealed Laser Diode for Longevity

Selectable Modulation Frequencies (270 Hz, 1 kHz, 2 kHz)

TOP200

Relative dB Mode for Direct Attenuation and Insertion Loss Measurements

0.01 dB Resolution

TOP220

Measures Outputs as High as +27 dBm

980 to 1550 nm

>100 Hours Battery Life

TOP300

High Brightness

Universal Connector Interface (UCI)

Fiber Tracing

Solid State Substitute for HeNe Laser

TOP400

Ideal for Testing System Headroom

Passive Device – No Power Required

Adjustable Attenuation

▶ Applications

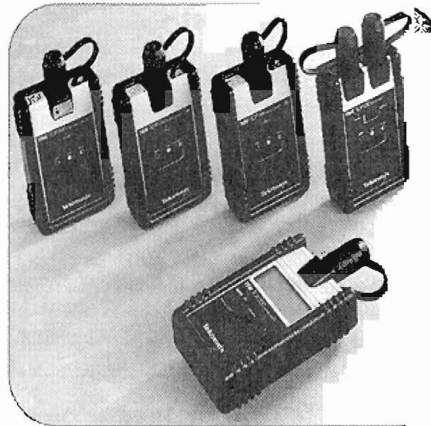System Loss Measurements

Optical Troubleshooting

Fault Location

Installation

Maintenance

Optical Links

Research

TOP130 Optical LED Source

▶ Selectable output – CW or Modulate

▶ Three modulation frequencies – 270 Hz, 1 kHz, 2 kHz

▶ >20 hours battery life

▶ Universal (SOC) Interface

The Tektronix TOP130 Optical LED Source is a small, rugged LED source designed for use in installing, maintaining and researching LAN, FDDI and other fiber optic links.

This multimode instrument provides two calibrated outputs – at 850 nm and 1300 nm. Providing both CW and modulated outputs, the user can set the modulation frequency to match the frequency signatures required by fiber identifiers and signal tracers (270 Hz, 1 kHz, 2 kHz). The TOP130 comes with a choice of adapters; two selected adapters will be provided (Laser class 1).

TOP140/TOP160 Optical Laser Sources

▶ Universal connector interface (UCI)

▶ >80 hours battery life (>50 Hours TOP160)

The TOP140 and TOP160 Optical Laser Sources answer the need for small, rugged and truly versatile laser sources for use in installation, maintenance and testing of fiber optic systems. These laser sources cover the most used singlemode transmission windows – 1310 nm and 1550 nm. The TOP140 and TOP160 provide both CW and modulated output modes. In CW mode these instruments feature extremely stable output power. In the modulated mode the frequency may be set to 270 Hz, 1 kHz or 2 kHz.

All laser sources feature the Universal Connector Interface which adapts to all standard fiber optic connectors via a complete line of simple, screw-on/screw-off UCI adapters (Laser class 1).

TOP200 Optical Power Meter

▶ Set reference for different wavelengths

▶ Save references for each wavelength

▶ Universal (SOC) interface

▶ >100 hours battery life

The TOP200 handheld optical power meter covers the full range of optical fiber applications. This instrument is quality engineered for field and lab personnel requiring a high performance, cost effective, compact and rugged optical power meter.

The TOP200 uses the Snap-on Connector (SOC) interface. Most industry standard fiber optic connectors can be accommodated, including FC, ST and SC.

The extraordinary design combines a state-of-the-art signal processor and microcomputer electronics to provide superb performance as well as simple and elegant operation with just three controls: ON/OFF, dBm/dB and lambda. A reference value can be set and also saved for each wavelength.

TOP220 High-power Optical Power Meter

▶ Universal (SOC) interface

▶ Auto shutoff

The Tektronix TOP220 is a handheld, high-power optical power meter. It can measure optical signals as high as +27 dBm. It also can make measurements on the low end down to –30 dBm. This instrument is quality engineered for field and lab applications requiring a high performance, cost effective, compact and rugged optical power meter.

The TOP220 uses the Snap-On Connector (SOC) interface. Most industry standard fiber-optic connectors can be accommodated, including FC, ST and SC.

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