FX182

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Compact, Rugged Optical Channel Checker to Test xWDM Fiber Networks

The FX182 is the industry's first compact Channel Checker to measure both CWDM and DWDM (C&L) band channels in less than 3 seconds. Innovative color-coded display identifies frequency, signal level, pass/fail and marginal channels at a glance*.

HIGHLIGHTS

- Robust, handheld design for field environments
- High resolution, 5" TFT color touch-screen for easy viewing
- Fast boot-up time, in less than 30 seconds
- Internal data storage with 16G memory
- Micro-USB OTG interface for flash drives, fiber inspection probe connection and test data transfer
- Rechargeable Lithium polymer battery with capacity indicator, low voltage alarm and Auto-off function
- >9 hours continuous operation without recharging batteries
- Generate and save test results in HTML file format
- Optional built-in WiFi/Bluetooth option
- Built-in web browser for remote control access
- Optional OTG to Ethernet for network connection

KEY FEATURES

- Fast <3 seconds measurement time
- DWDM 100 GHz ITU-T G.694.1 C & L-Bands (1520nm to 1610nm)
- CWDM ITU-T G.694.2 from 1271 to 1611 nm
- 3 View Modes: Tiles*, graph, and table view
- Measurement range: ≤65 dB
- Active channel Pass/Fail detection
- Programmable Pass/Fail Level threshold
- Programmable channel tables
- Built-in wavelength reference
- Continuous scanning of all channels