The FiberTEK FDX option allows users to add full Tier 1, standards compliant fiber certification capability to the LanTEK II certifier. Tier 1 certification utilizes a light source and power meter to measure the power loss of optical cabling. FiberTEK FDX modules incorporate dual light sources and a wide range power meter to allow testing loss of fiber links as well as to measure the light emitted from active network equipment for troubleshooting.

The full-duplex FiberTEK FDX represents the pinnacle of fiber optic certification, saving time and simplifying documentation by completely eliminating the need to swap launch cords or swap modules. The unique full-duplex operation tests a single strand of fiber at two wavelengths and in both directions, plus measures the length with one press of the Autotest button. This means that for each fiber, five test parameters are saved for each cable ID making it the easiest to use fiber certifier ever.

Three types of FiberTEK FDX are available to suit every installation. Multi-mode (850/1300nm) kits are available with either LED light sources for 10/100/1000Mbps certification, or VSCEL/laser sources with high dynamic range for certification of links greater than 2kM in length. Single mode (1310/1550nm) kits feature laser sources as well. Combination multi-mode and single mode kits are available to further increase the FiberTEK FDX value.

### FiberTEK® FDX Key Advantages

- The only solution that completely eliminates the need to swap fibers or modules, allowing complete one-step certification of horizontal and backbone cabling.
- More than 2x as fast as any other fiber certification tester
- Complies to TIA/ISO/IEC certification standards
- Available with both LED and VCSEL/laser multimode sources.
- Real-time power meter to aid in troubleshooting active equipment
- Field changeable adapters (SC, ST, FC) eliminate the need to carry multiple hybrid launch cords

### Simplified Testing

Unlike other fiber certification add-ons that require up to four separate testing steps to test each fiber at both wavelengths and in both directions, FiberTEK FDX can accomplish this task in one easy step. FiberTEK FDX revolutionizes the whole fiber certification process by utilizing a sophisticated full duplex optical module that lets each fiber be certified in one simple step with no reversing of patch cords or swapping of optical modules. Four attenuation measurements plus length in one press of the Autotest button. The simplest way to certify fiber.

Five results with one Autotest, the fastest fiber certification solution available