

RIVO MULTITRADE OPTICAL SYSTEMS

Manufacturer of Long-Distance Optical Cable Testing Equipment



Overview

Fiber Optic Cable Test Products. Manufacturer of effective handheld field fiber optic testers for all networks.

Key Takeaways

Key manufacturers of long-distance optical cable testing equipment include OWL, Kinectrics, Kingfisher International, Torontech, and AEM Networks, offering OTDRs, optical power meters, tensile testers, and full IEC-compliant testing solutions. OWL Inc.

OWL manufactures a complete line of fiber optic test equipment for applications including telco, WAN, MAN, LAN, SAN, CATV, IT, and laboratory environments. Their product range includes optical time domain reflectometers (OTDRs), optical power meters, light sources, visual fault locators, optical length testers, and serial plastic fiber transceivers. All OWL optical power meters and light sources are NIST traceable, ensuring high accuracy for long-distance fiber testing .

Kinectrics



Kinectrics provides independent fiber optic testing services for long-distance cables such as OPGW, ADSS, and OPPC. They specialize in signal strength, continuity, and attenuation testing, as well as forensic cross-sectioning. Kinectrics can simulate high-tension pulling, severe bending, and other installation stresses, validating cable performance under real-world conditions. Their services are widely used in power transmission and backbone fiber networks, ensuring long-term reliability .

Kingfisher International

Kingfisher International offers handheld fiber optic test equipment suitable for long-distance networks, including multimode, single-mode, MPO, PON, and POF fibers. Their tools include multifunction OLTS testers for certifying loss, length, ORL, and power, as well as Cold Clamp technology for pinpointing long-distance fiber faults with sub-meter accuracy. Kingfisher emphasizes automation, reporting software, and flexible test sources for field and laboratory use .

Torontech

Torontech provides Optical Fibre Cable Testing Machines (OFC Testers) engineered to meet IEC 60794 standards, covering mechanical, environmental, and optical performance. Their equipment includes tensile testers, repeated bending testers, crush resistance testers, impact testers, torsion testers, temperature cycling chambers, water penetration testers, abrasion resistance testers, flame retardancy testers, and kink resistance testers. Torontech's solutions are widely used by telecom companies, manufacturers, and research institutions for long-distance fiber validation .

AEM Networks

AEM Networks offers precision cable test solutions for laboratory, manufacturing, and field applications. Their products include OTDR test adapters compatible with NSA and TestPro platforms, enabling accurate and reliable fiber optic testing. AEM focuses on comprehensive testing of both copper and fiber networks, supporting long-distance optical cable validation and compliance with industry standards .

Summary

For long-distance optical cable testing, these manufacturers provide a combination of field-ready handheld testers, laboratory-grade machines, and full-service testing solutions. Selection depends on the specific application, whether it is installation verification, network certification, or mechanical and environmental stress testing. All listed companies offer equipment or services that comply with international standards and are suitable for high-reliability, long-distance fiber optic networks.

Article Content

OTDRs | Anritsu America

Anritsu provides a vast range of OTDR products capable of fault diagnosis and optical transmission characteristic analysis for

Fiber Optic Test Products| All Network | Kingfisher International

Fiber Optic Cable Test Products. Manufacturer of effective handheld field fiber optic testers for all networks.

Fiber Test

Advanced fiber optic tools enable expedient certification, troubleshooting and maintenance while monitoring equipment

Fiber optic testers | Fluke

Fiber optic testers Data centers and enterprises rely heavily on optical fiber cabling to support the exploding demand for bandwidth,

Fiber Testers

Overview Fiber optic testing tools are critical for verifying the integrity, performance, and reliability of optical networks used in

Fiber Testing | Fiber Optic Cable Testing Methods & Top Tools

Fiber testing encompasses the processes, tools, and standards used to test fiber optic components, fiber links, and deployed fiber

Demystifying Fiber Test Methods – Back to Basics

Demystifying Fiber Test Methods – Back to Basics Fiber Optic Cable Testing Methods
Fiber optic networks are the backbone of

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Fibre optic testers are specialised devices used to test and diagnose fibre optic cabling and connected equipment. Key tools for

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Fiber Inspection Testers & Certification Tools

Fiber optic test equipment featuring fiber testers and certification equipment, test and inspection products, light sources, power

Fiber Optic

Precision Fiber Optic Testing equipment from trusted brands like OWL and Kingfisher are available at Cables Plus USA. Contact us

Optical & Fiber Test Equipment

Optical and fiber test equipment plays a vital role in the installation, certification, maintenance, and troubleshooting of high-speed

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Fiber Optic Instruments | santec

Pioneering Optical Instruments Santec has more than 45 years of experience designing and manufacturing fiber optic test systems.

OTDR Testing

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