ZITHA TECH SPECIALTY CABLES (Pty) Ltd

High-density optical cable fault locator intelligent in stock



Overview

Smart Optical Cable Locator and Fiber Fault FinderPinpoint fiber faults and identify cables in seconds with our smart optical cable Fiber Optic Cable Fault.

Key Takeaways

The FTS-900 and other intelligent high cable fault locators provide precise, real-time detection and location of optical cable faults, suitable for professional telecom and infrastructure applications.FTS-900 Optical Cable Routing Intelligent Locator

The FTS-900 is designed to locate buried optical cables and pipeline optical cables with high precision. It can generate specific location data for optical cable joint boxes, fiber breakpoints, and light attenuation points, supporting construction protection and maintenance operations. The system uses the optical fiber itself as a vibration sensor to detect disturbances at the far end, transmitting reflected signals to the host for analysis. Results are sent back via the Internet, allowing remote troubleshooting personnel to instantly verify cable routes. The device also integrates GPS positioning and cloud-based data collection, enabling on-site staff to confirm cable paths efficiently .

Features of Intelligent High Cable Fault Locators

Modern intelligent high cable fault locators offer several advanced capabilities:

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• High precision: Accuracy levels within 0.1% or better, ensuring reliable fault detection and measurement .

• Data logging and trend analysis: Continuous recording of measurements for documentation and maintenance planning .

• User-friendly interfaces: Simplified operation for technicians, including handheld terminals and cloud connectivity .

• Versatile applications: Suitable for optical fiber communication projects, power cables, urban underground communication lines, and pipeline inspections .

• Fault detection types: Can identify breaks, short circuits, ground faults, and light attenuation points, often with real-time visualization .
Additional Options

Other intelligent optical cable fault locators are available, including visual fault locators (VFLs) for continuity and polarity verification, and multifunctional devices capable of cable path detection, precise fault location, and ground fault troubleshooting. These devices are widely used in telecommunications, municipal engineering, and power grid maintenance .

Summary

For professional use, the FTS-900 and other intelligent high cable fault locators provide accurate, real-time, and remote-capable solutions for detecting and locating faults in optical cables. They are suitable for a wide range of applications, from telecom infrastructure to municipal and power cable maintenance, and are currently available for purchase from suppliers such as Opwill and Alibaba .

Article Content

Smart Optical Cable Locator and Fiber Fault Finder

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Fiber Optic Cable Fault Locators For Sale | Transcat

Find problems in seconds to reduce downtime and boost productivity! A fiber optic fault locator uncovers issues on complex,

GAOTek Fiber Optic Cable Fault Locator

GAOTek fiber optic cable fault locator is the new generation of

GAOTek Underground Optical Fiber Cable Fault Locator

GAOTek underground optical fiber cable fault locator is an

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Cable Fault Locating Equipment | HighVoltageControl

HighVoltageControl offers advanced cable fault location systems designed to quickly detect, pre-locate, and precisely pinpoint faults

Amazon : Fiber Fault Locator

Fiber Optic Visual Fault Locator Kit, VFL Pen for Fiber Cable Test, Red Light Finder for Single Mode and Multimode Cable,

Visual Fault Locator for Fiber Optic Cables, VFL Supports FC

The Visual Fault Locator (VFL) is engineered as a highly efficient, professional-grade diagnostic tool designed to help network

Visual Fault Locator VFF5: Locates Fibre Optic Cable

The Visual Fault Locator VFF5 projects a highly visible laser light source into fibre optic cabling. This is

Cable Fault Detector, Cable Fault Finder | sisco

It integrates core functions such as cable path detection, precise fault location, cable identification, and ground fault troubleshooting,

Visual Fault Locators, Cable Continuity Tester

FS offers 1mW, 1.3mW, 10mW, 20mW and 30mW visual fault locator for locating faults and verifying continuity and polarity. Order FS

Visual Fault Locators, Cable Continuity Tester

FS offers 1mW, 1.3mW, 10mW, 20mW and 30mW visual fault locator for locating faults and verifying

Cable Fault Locators

Our cable fault locators are used by maintenance and repair technicians working in industries such as power distribution,

Pro Fiber High Power Visual Fault Locator. 25 Miles.

The high-power output guarantees a strong and clear laser beam, enhancing visibility and accuracy during

weunion Visual Fault Locator | Portable Fiber Optic

Quickly locate fiber breaks and macro bends with the weunion Visual Fault Locator – a compact, high

Fiber Optic Fault Locators Selection Guide: Types, Features ...

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Fiber optic fault locators function by shinning a red laser through jacketed fibers to identify breaks, bends, faulty connectors, splices,

Underground Fiber Cable Fault Locator | Kingfisher International

Our unique Cold Clamp locates fiber optic cable breaks & faults to a physical accuracy of better than 1 meter over long distance. It

Fluke Networks VISIFAULT Visual Fault Locator

You can diagnose and repair simple fiber link problems with Fluke Networks'' VisiFaultTM Visual Fault

Fiber Visual Fault Locator,Fiber Optic Fault Finder

Designed with a FC,SC,ST universal adapter, this fiber fault locator is used without any other type of additional adapters,it can

Fluke Networks VISIFAULT Visual Fault Locator Fiber

With Fluke Networks'' VisiFault Visual Fault Locator (VFL), you can diagnose and repair simple fiber link

Best 5 Visual Fault Finders of 2025: Professional Fiber Optic Testing ...

Visual fault finders, also known as visual fault locators (VFLs), are essential fiber optic testing instruments that use visible red laser

GAOTek Cable Fault Locator

This cable fault locator combines the function of both Time Domain Reflectometer(TDR) and intelligent

Laser Visual Fault Locators & LED Fiber Continuity Tester

VFLs use red lasers to trace single-mode or multimode fiber links. They detect bends and breaks in 900µm, 3mm jacketed cables

Fiber Optic Cable Locator: Mastering Visual Fault

Discover how FiberLocator gives you access to high-quality fiber optic maps and tools,

Jonard Visual Fault Locator Kit VFL-150

The Jonard Tools VFL-150 Visual Fault Locator Kit is designed to detect fiber breakpoints, fiber leaks, poor

Cable Fault Locators

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This includes knowledge of the cable systems design, construction, history, accurate maps, proper fault locating procedures and the

Visual Fault Locator 30mW 30KM Fiber Optic Cable Tester Adapt

This 30mW Visual Fault Locator (VFL) is a powerful diagnostic tool for fiber optic networks, offering a range of up to 30 kilometers.

Fluke Networks VISIFAULT-FIBERLRT Visual Fault Locator | Transcat

Product Highlights VisiFault Visual Fault Locator with Live Fiber Detector Fiber Basic Kit supports tracing and troubleshooting of fiber

Visual Fault Locators

Discover how Visual Fault Locators (VFLs) simplify fiber optic troubleshooting. Learn key features, use cases, and

Fiber Optic Power Meters and Fault Locators | Fluke Networks

Fluke Networks sets the standard in network testing with its advanced range of fiber optic power meters and fault locators, designed

Green Light Fiber Optic Tester

About this item □High-Precision Green Light Detection□ Powered by 510nm ≤5mW Class IIIa Green Light, this visual fault locator

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Optical Fiber Identifier and Visual Fault Locator

The Optical Fiber Identifier with built-in visual fault locator (VFL) provides the perfect tool for field technicians testing fiber optic cables.

Fiber Optic Cable Fault Locators For Sale | Transcat

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8 Best Visual Fault Locators (August 2026)

Discover the 8 best visual fault locators for fiber optic testing in 2026. We tested top VFLs for range, accuracy, and

Fiber Optic Testing | Visual Fault Locators (VFLs)

The INNO Instrument V30 Optical Multimeter combines optical power measurement, visual fault location, and cable continuity testing

Fluke Networks VISIFAULT Visual Fault Locator

You can diagnose and repair simple fiber link problems with Fluke Networks'' VisiFaultTM Visual Fault Locator (VFL). The laser

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Amazon : Fiber Optic Visual Fault Locator

Visual Fault Locator for Fiber Optic Cables, VFL Supports FC/ST/SC/LC Interfaces, Long-Range Fault Finder, Fiber Light Pen

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VFF5 – FIBER OPTIC CABLE VISUAL FAULT FINDER

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weunion Visual Fault Locator | Portable Fiber Optic

Capable of emitting stable red light, connected to the fiber optic interface, and achieving fault detection

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