

Anritsu Optical Cable Tester



AI Overview

Anritsu provides advanced optical cable testing solutions, including OTDRs and coherent OTDRs, for fault detection, loss measurement, and performance verification of both terrestrial and submarine optical networks.

OTDR Testing

Anritsu's Optical Time Domain Reflectometers (OTDRs) are designed to measure transmission loss, distance, and reflectance in optical fibers, helping locate cable cuts, connector issues, and splice losses. OTDRs are essential for installation, maintenance, and fault diagnosis of optical networks, including multicore fibers, long-distance fibers over 200 km, and PONs (Passive Optical Networks) (Anritsu America) . They support inter-core crosstalk testing for fibers with multiple cores and can analyze optical transmission characteristics efficiently.

Submarine Cable Testing

For submarine optical cables, Anritsu offers the Coherent OTDR MW90010B, capable of testing ultra-long cables up to 20,000 km with a 10 m resolution. This system uses coherent detection technology to capture waveform data, including fault location, cable loss, bending loss, and fiber length. It supports DWDM submarine cables with a tunable light source covering C-band wavelengths (1527.60–1567.13 nm) and can accurately measure cables with optical-amplifier repeaters separated by 80 km or more (GlobalSpec) . The coherent OTDR allows rapid and precise fault identification, even for engineers with minimal experience.

Applications and Benefits

Anritsu's optical testing solutions are used for:

Article Content

Test and Measurement | Anritsu Asia Pacific

Anritsu's test and measurement equipment for the optical communications industry maximize network performance by conducting

MT9085 Series ACCESS Master MT9085A/B/C Brochure

This all-inclusive optical pulse tester was developed with a full range of functions, including a light source and optical power meter for

OTDRs | Anritsu India

Anritsu offers several OTDRs for diagnosing faults and analyzing multicore optical fibers, submarine cables over 10,000 km, and

Anritsu Products For Sale at Test Equipment Center

Test Equipment Center offers a wide variety of specialized and general purpose test equipment from Anritsu and

Handheld Optical Network Testers

This quick reference guide introduces Anritsu's range of handheld Optical Network Testers, highlighting their

Anritsu MT9100A: First multicore fiber tester with multichannel OTDR ...

ANRITSU CORPORATION has developed a multi-channel fiber tester, the MT9100A, which enables the evaluation of transmission

ACCESS Master MT9085 Series Product Introduction

All Optical Fiber Evaluation Functions in One Tester The ACCESS Master MT9085 series is an all-in- one tester with OTDR, OLTS,

Anritsu Home | Anritsu America

Investor Relations Sustainability Test and Measurement Advanced wireless, optical, digital and IP test solutions for the equipment,

Anritsu Home | Anritsu Europe

Anritsu Europe provides innovative solutions in test and measurement, components, sensing, inspection, and service assurance for

Anritsu OTDR Quad Kit Singlemode 1310/1550nm

The ACCESS Master MT9085 is a handheld complete Fiber Optical Cable tester for performing all optical

Multi Channel Fiber Tester MT9100A | Anritsu America

The tester can evaluate optical transmission characteristics of multiple cores simultaneously in a single action without the need to

Optical Services Optical Network Characterization Services

Anritsu has recognized the challenge of this difficult balancing act. You can now rely on Anritsu Engineers to do the testing and

OTDRs | Anritsu Asia Pacific

Anritsu offers several OTDRs for diagnosing faults and analyzing multicore optical fibers, submarine cables over 10,000 km, and

Optical & High-speed & Transport Testing Solutions

The MT9085 series is a compact handheld all-in-one tester for performing optical pulse tests, optical loss/power measurements, and

Fiber Optic, OTDR & CPRI Certification | Anritsu America

Anritsu Access Master Fiber Optic & OTDR Certification training is an intense, hands-on, one-day training course that focuses on

Anritsu ACCESS Master™ MT9085 Portable Tester for LTE/5G

Anritsu introduces the ACCESS Master™ MT9085 series of handheld testers, offering precision and measurement capabilities during

Network Master Pro (Ethernet/OTDR Test Equipment) MT1000A

Anritsu MT1000A is the All-in One field test equipment of B5 size excellent in expandability and operability, combined 10G / 100G

Anritsu — Precision Test & Measurement

Anritsu provides advanced test and measurement instruments for telecommunications, defense, and industrial applications.

Products | Anritsu America

Bluetooth and WLAN Testers Cable and Antenna Analyzers Channel Emulator/Fading Simulator Conformance Test Systems

Anritsu MT9085 Series OTDR-ACCESS Master Contractor Kit

The ACCESS Master MT9085 series is a compact handheld all-in-one tester for performing optical pulse tests, optical loss/power

Anritsu Offers Most Complete Line of OTDR Solutions

Anritsu provides the most complete line of OTDRs - from palm-sized models for simple patch cord verification to the industry's most

Network Master Pro (400G Tester) MT1040A | Anritsu America

Network Master Pro (400G Tester) MT1040A The portable B5-size Network Master Pro MT1040A for 400G has customized

Anritsu MT9090A Fiber Optic Test Kit

Three wavelengths to locate the smallest macro bend and a built-in power meter make this a powerful troubleshooting tool for field

Products | Anritsu Europe

Bluetooth and WLAN Testers Cable and Antenna Analyzers Channel Emulator/Fading Simulator Conformance Test Systems

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://kilitech.co.za>

Email: info@kilitech.co.za

Phone: +44 20 7183 2649

Address: 1st Floor, The Shard, 32 London Bridge Street, London, SE1 9SG, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

