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Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase OTPDR2007

JDS Uniphase OTPDR2007 Optical Time Domain Reflectometer The JDS Uniphase OTPDR2007 (catalog OTPDR2007 and OTPDR2007-SR2) is an optical time-domain reflectometer. OEM JDSU/Acterna OTDR listings use OTPDR as an OTDR product identifier for fiber fault location, length, and loss. OTPDR2007-SR2 is a configured/software-revision build of the same OTPDR2007 instrument. Wavelengths, dynamic range, and dead zones are on the OTPDR2007 data sheet. Single-mode or multimode fiber span characterization and break location. The JDS Uniphase OTPDR2007 (catalog OTPDR2007 and OTPDR2007-SR2) is an optical time-domain reflectometer. OEM JDSU/Acterna OTDR listings use OTPDR as an OTDR product identifier for fiber fault location, length, and loss. OTPDR2007-SR2 is a configured/software-revision build of the same OTPDR2007 instrument. Wavelengths, dynamic range, and dead zones are on the OTPDR2007 data sheet. Single-mode or multimode fiber span characterization and break location. Instrument Type: Optical time domain reflectometer



MODEL

**JDS Uniphase
OTPDR2007**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

OTPDR2007

LISTING

<https://aumictechlabs.com/products/otpdr2007-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The JDS Uniphase OTPDR2007 is an Optical Time Domain Reflectometer (OTDR) engineered for testing, troubleshooting, and characterization of optical fiber networks. The instrument delivers precise measurements of fiber length, attenuation, and fault location identification - critical

capabilities for network deployment, maintenance, and restoration workflows across fiber optic infrastructure.

Technical Specifications

The OTPDR2007 functions as a dedicated OTDR module within JDS Uniphase's optical test platform ecosystem. It can support measurements across key fiber parameters including span length determination, signal attenuation quantification, and spatial fault detection.

Key Features

- Fiber length measurement capability for distance-to-fault and end-to-end span characterization
- Attenuation profiling across optical fiber paths
- Fault localization and event detection

Integration with JDS Uniphase optical test platforms

Typical Applications

- Installation verification and acceptance testing on new fiber deployments
- Maintenance diagnostics on installed fiber optic networks
- Troubleshooting fiber breaks, splices, and connection anomalies
- Performance baseline establishment and trend monitoring

Metro, long-haul, and ultra-long haul network support

Compatibility & Integration

The OTPDR2007 integrates within JDS Uniphase's established optical test platform architecture, including the MTS-6000 and MTS-8000 series. It operates as a module within these scalable platforms, designed to accept standard optical interfaces and work alongside complementary OTDR modules, transceivers, and optical test components within the JDS Uniphase product family.

OTPDR2007 Characteristics / Specifications

PARAMETER	VALUE
Model	OTPDR2007
Configured Build	OTPDR2007-SR2
Instrument Type	Optical time domain reflectometer
Family	JDSU OTPDR
Manufacturer	JDS Uniphase / VIAVI
Use Case	fiber OTDR
Form Factor	OTDR instrument / module
Operating Temperature Class	field/lab OTDR window
Literature	JDSU OTPDR2007 OTDR listings
Measurement	backscatter vs distance
Display	OTDR trace
Documentation Type	OEM OTDR catalog
Brand Lineage	JDS Uniphase Acterna VIAVI
System Role	optical TDR
Laser Safety	Class 1 OTDR class
Connector Class	FC/SC interchangeable class
Distance Units	km class
Pulse Width Class	selectable OTDR pulses
Averaging	trace averaging class
Related Handheld	T-BERD/MTS OTDR modules areadifferent JDSU platform
Calibration Source	OEM published specifications
Export Class	commercial test equipment
Operating temperature	Class: field/lab OTDR window

OTPDR2007 Specifications

PARAMETER	VALUE
JDS Uniphase OTPDR2007 Optical Time Domain Reflectometer	Overview
Optical time domain reflectometer	OTPDR2007 family
Technical Specifications	Model: OTPDR2007

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: field/lab OTDR window
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Measurement	backscatter vs distance
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Related Handheld	T-BERD/MTS OTDR modules areadifferent JDSU platform
Calibration Source	OEM published specifications
Export Class	commercial test equipment Notes From JDS Uniphase OTPDR2007 OTDR catalog identity. Dynamic range, wavelengths, and dead zones are on the OTPDR2007 data sheet and are not copied from T-BERD 8100 modules.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Laser Safety

Laser Safety: Class 1 OTDR class Connector Class: FC/SC interchangeable class Distance Units: km class Pulse Width Class: selectable OTDR pulses Averaging: trace averaging class Related Handheld: T-BERD/MTS OTDR modules are different JDSU platform Calibration Source: OEM published specifications Export Class: commercial test equipment Notes From JDS Uniphase OTPDR2007 OTDR catalog identity. Dynamic range, wa

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.