Green is life tmg

CONTRACTOR ESSENTIALS
ContractorEssentials.com.au
Powered by tmg

VIAVI Solutions 5G

Enabling Australia's Field Technicians to build, troubleshoot and maintain better communications networks.

VIAVI MASTER Distributor

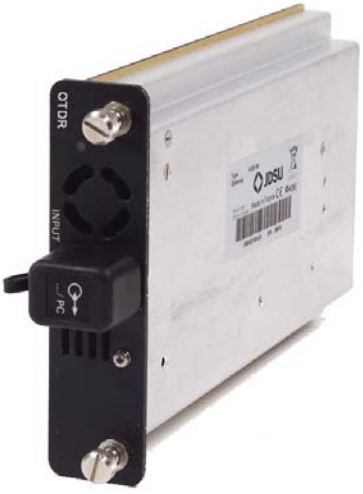
This reference material is provided by TMG Test Equipment, VIAVI's **only** Master Distributor for Contractors in Australia

- **Industry Best Pricing**
- **Finance Available**
- **Short to Medium Project-Based Rental Solutions**
- **Dedicated Technical & After-Sales Support**
- **In-house Diagnostics, Repair & NATA Calibration Laboratory**

FREECALL 1800 680 680

MTS/T-BERD Platforms

Ultra Long Haul (UHD) OTDR Module



Key Features

- **Highest dynamic range with 50 dB at 1550 nm using a 20 µs pulsewidth**
- **Best resolution/dynamic range compromise for accurate medium range measurement**
- **High performance testing (up to 128,000 acquisition points with 0.1 s real time sweep)**
- **Complete fiber characterization solution combining CD, PMD, and spectral attenuation testing capability in the MTS/T-BERD platform**

2007 FROST & SULLIVAN
Global Communications Test & Measurement Company of the Year Award

The industry's first true 50 dB OTDR

The Ultra Long Haul (UHD) Optical Time Domain Reflectometer (OTDR) Module range provides the highest performance of any OTDR field instrument on the market.

The UHD OTDR testing capability, at wavelengths between 1310/1550/162 nm, delivers the highest dynamic range, the fastest speed, and the greatest accuracy for the installation and maintenance of optical fiber networks.

Multi-purpose application OTDR

Designed for very long distance testing, the UHD OTDR Module is also an essential tool when accuracy and testing speed are required in medium haul network measurements.

A powerful solution

The UHD OTDR Module's automation and rapid testing features offer impressive time savings for companies involved in commissioning and locating faults in optical fiber networks.

Housed in the MTS/T-BERD platform, the UHD OTDR testing solution offers a lightweight, handheld, and rugged field instrument suitable for any OTDR measurement constraints.

Housed in the field dedicated MTS/T-BERD platform, OTDR measurements can be performed in Outside Plant (OSP), Central Office (CO), and harsh environmental conditions. This portable, battery-powered instrument is shockproof and drop tested for complete reliability in the field.

The full dynamic range is reached in less than 30 seconds measurement time, allowing greater productivity in the field and faster return on investment.

Transmission systems reach longer and longer distances, requiring high performance test solutions for characterization. Very long haul terrestrial and subterranean networks require OTDR solutions capable of providing the longest, most accurate measurements possible. The UHD OTDR Module offers this compromise where 50 dB dynamic range is reached at 1550 nm with only a 20 µs pulsewidth, keeping sensible dead zones and optimum linearity.

Due to the important step-up in dynamic range, the UHD OTDR Module allows the technician to test the same fiber length with considerably reduced pulsewidths, compared to existing OTDRs. This dramatically improves the accuracy by shortening the attenuation dead zone, resulting in better event pin-points, distance location, and loss measurement.

The UHD OTDR Module complies with GR-196-CORE issue 2, OTDR data standard revision 1.0/1.1/2.0. It is also fully compatible with the universal file exchange and export format.

The PC-based software range, presented in a true Windows environment, offers a complete and detailed post-analysis OTDR results capability as well as the generation of professional acceptance reports.

Distance units	Kilometers, fe
Number of data points	Up to 128 0
Automatic or dual cursor	
Display resolution	
Sampling resolution	F

Display range	From 1.25 d
Cursor resolution	From
Threshold	0.01 to 5.99 dB in
Display resolution	
Reflectance accuracy	

Ultra Long Range	
1310/1550 nm Module	E
Ultra Long Range	
1310/1550/1625 nm OTDR Module	

1550 ±20 nm	50 dB

JDSU

Test & Measurement Regional Sales

NORTH AMERICA	LATIN AMERICA	ASIA PACIFIC	EMEA	
TEL: 1 866 228 3762	TEL: +55 11 5503 3800	TEL: +852 2892 0990	TEL: +49 7121 86 2222	www.jdsu.com/test
FAX: +1 301 353 9216	FAX: +55 11 5505 1598	FAX: +852 2892 0770	FAX: +49 7121 86 1222	