

# FiberComplete™ Makes Fiber Testing Easy



## T-BERD/MTS-4000 FiberComplete for fully automated and easy fiber network deployment

FiberComplete simplifies and speeds up fiber testing while improving productivity with features and benefits that helps make the day-to-day job for every technician easier.

During the construction and acceptance testing phases, various traditional tests are required to characterize the deployed optical fiber link and verify compliance with system manufacturer specifications. FiberComplete for the T-BERD/MTS-4000 platform offers the most complete solution for performing these tests automatically through a single connection port:

- bidirectional insertion loss (IL)
- bidirectional optical return loss (ORL) using the continuous wave method (OCWR)
- distance/length measurements
- unidirectional OTDR and fault analysis

This is the only loss test solution on the market that can characterize splices and connectors and locate faults.

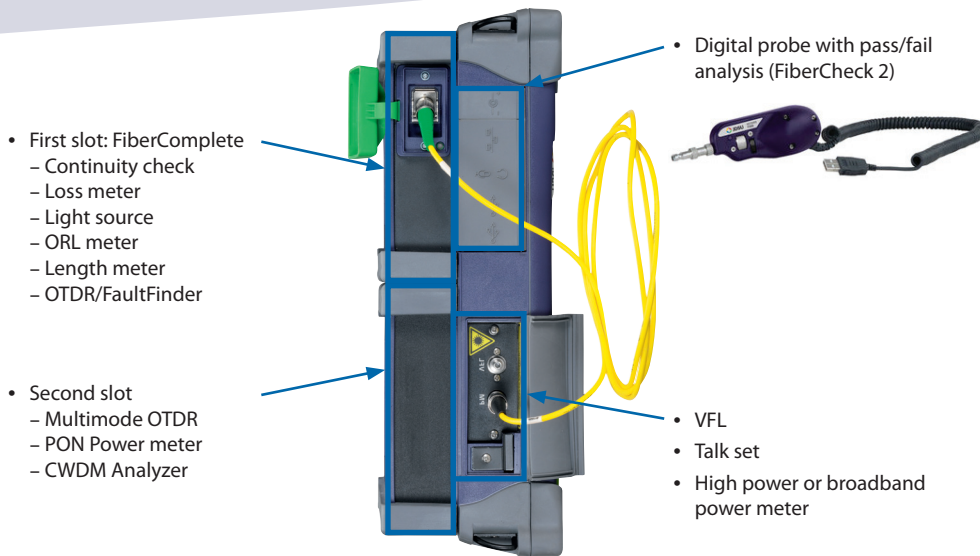
The T-BERD/MTS-4000 test platform combines up to 10 instruments into one, helping service providers reduce their capital expenses and provides a quick return on investment. The intuitive user interface and automated measurements dramatically reduces operational expenses and minimizes training time.

## Highlights

- 10 instruments in 1
- One connection, one-touch automated measurements
- Real-time continuity check and product pairing using the fiber under test
- Immediate troubleshooting with FaultFinder mode
- Workflow optimization with pass/fail cable results management
- On-site report generation

# FiberComplete Makes Fiber Testing Easy

COMMUNICATIONS TEST &  
MEASUREMENT SOLUTIONS



## Packages for North America

Order Number	Description/Contents
TB4T-FCOMP2-MA	T-BERD 4000 Package with 1310/1550 nm FiberComplete and integrated Metro-Access OTDR <ul style="list-style-type: none"> <li>• 7-inch touch screen color display</li> <li>• Pass/Fail connector inspection software (P5000 inspection probe available separately)</li> <li>• Broadband power meter</li> <li>• FiberComplete module:                             <ul style="list-style-type: none"> <li>– 37/35 dB OTDR at 1310/1550 nm</li> <li>– bidirectional insertion and return loss and length</li> <li>– continuous wave light source</li> <li>– SC/PC interchangeable adapter</li> </ul> </li> <li>• Accessories:                             <ul style="list-style-type: none"> <li>– Non-reflective terminations for zero ORL referencing</li> <li>– SC mating sleeves</li> <li>– SC/PC to SC/APC 3 m SM jumper</li> <li>– SC/PC to SC/PC 3 m SM jumper</li> <li>– Glove carrying case</li> </ul> </li> </ul>

TB4T-FCOMP3-MP49	T-BERD 4000 Package with 1310/1490/1550 nm FiberComplete and integrated Metro-PON OTDR <ul style="list-style-type: none"> <li>• 7-inch touch screen color display</li> <li>• Pass/Fail connector inspection software (P5000 inspection probe available separately)</li> <li>• Broadband power meter</li> <li>• FiberComplete module:                             <ul style="list-style-type: none"> <li>– 42/40/40 dB OTDR at 1310/1490/1550 nm</li> <li>– bidirectional insertion and return loss and length</li> <li>– continuous wave light source</li> <li>– SC/PC interchangeable adapter</li> </ul> </li> <li>• Accessories:                             <ul style="list-style-type: none"> <li>– Non-reflective terminations for zero ORL referencing</li> <li>– SC mating sleeves</li> <li>– SC/PC to SC/APC 3 m SM jumper</li> <li>– SC/PC to SC/PC 3 m SM jumper</li> <li>– Glove carrying case</li> </ul> </li> </ul>
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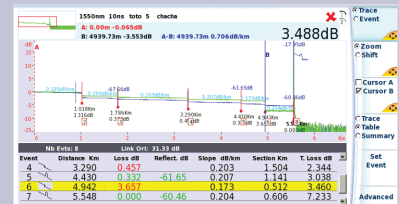
## Packages for Other Regions

Order Number	Description/Contents
MTS4T-FCOMP2-MA	MTS-4000 Package with 1310/1550 nm FiberComplete and integrated Metro-Access OTDR <ul style="list-style-type: none"> <li>• 7-inch touch screen color display</li> <li>• Pass/Fail connector inspection software (P5000 inspection probe available separately)</li> <li>• Broadband power meter</li> <li>• FiberComplete module:                             <ul style="list-style-type: none"> <li>– 37/35 dB OTDR at 1310/1550 nm</li> <li>– bidirectional insertion and return loss and length</li> <li>– continuous wave light source</li> <li>– FC/PC interchangeable adapter</li> </ul> </li> <li>• Accessories:                             <ul style="list-style-type: none"> <li>– Non-reflective terminations for zero ORL referencing</li> <li>– FC mating sleeves</li> <li>– FC/PC to FC/APC 3 m SM jumper</li> <li>– FC/PC to FC/PC 3 m SM jumper</li> <li>– Glove carrying case</li> </ul> </li> </ul>

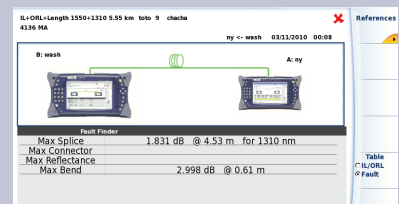
MTS4T-FCOMP3-MP49	MTS-4000 Package with 1310/1490/1550 nm FiberComplete and integrated Metro-PON OTDR <ul style="list-style-type: none"> <li>• 7-inch touch screen color display</li> <li>• Pass/Fail connector inspection software (P5000 inspection probe available separately)</li> <li>• Broadband power meter</li> <li>• FiberComplete module:                             <ul style="list-style-type: none"> <li>– 42/40/40 dB OTDR at 1310/1490/1550 nm</li> <li>– bidirectional insertion and return loss and length</li> <li>– continuous wave light source</li> <li>– FC/PC interchangeable adapter</li> </ul> </li> <li>• Accessories:                             <ul style="list-style-type: none"> <li>– Non-reflective terminations for zero ORL referencing</li> <li>– FC mating sleeves</li> <li>– FC/PC to FC/APC 3 m SM jumper</li> <li>– FC/PC to FC/PC 3 m SM jumper</li> <li>– Glove carrying case</li> </ul> </li> </ul>
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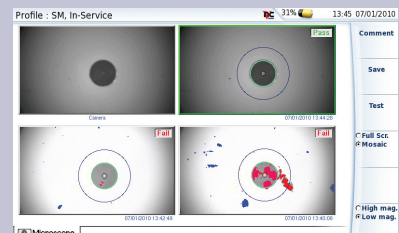
Cable result management



OTDR trace



FaultFinder analysis



Video inspection with pass/fail analysis



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