Smart Link Mapper (SLM) applications let any technician use an OTDR to optimize fiber networks for enduring performance!

Five applications for T-BERD®/MTS OTDR platforms are available:

- SLM displays OTDR results in a simple, icon-based map view (SmartLink), providing a clear diagnostic of detected issues
- Enterprise-SLM adds labeling schemes, project management and MPO testing
- FTTA-SLM adds a fiber-to-the-antenna user interface and a specific algorithm for OTDR measurements in cell tower/rooftop environments
- FTTH-SLM adds a fiber-to-the-home interface and a specific algorithm for measurements through PON splitters
- CABLE-SLM provides a high-level view when commissioning optical fiber cables

Benefits
- Makes OTDR result interpretation quick and easy
- Immediately provides a clear diagnostic when a bad link element is detected
- Speeds testing time and improves reliability
- Reduces truck rolls, re-testing, and cable waste

Key Features
- Directly correlates SLM view results and OTDR traces
- Automatic pass/fail analysis
- Compatible with multimode and single-mode OTDR modules
- Available for all recent SmartOTDR, T-BERD/MTS-2000, -4000, -6000A platforms

Install SLM OTDR applications on compatible deployed units or at the time of purchase.
Enterprise & Data Centers

- Self-setting OTDR with pre-defined SmartConfig™ - SmartConfig includes pre-set acquisition parameters and label format
- Cable label format per the TIA-606 standards
- Pass/fail alarm criteria per the TIA/IEC standards TIA.568.3, ISO/IEC 11801, ISO/IEC 14673-3
- Project management capability to easily control and document all the tested fiber
- Management of an optical switch to test MPO cable

FTTA, C-RAN & DAS

- Tailored OTDR application for Cell Tower, Rooftops, Distributed Antenna Systems (DAS) and Cloud Radio Access Networks (C-RAN)
- Customized setup menus with FTTA parameters and terminology
- Automatic selection of best acquisition parameters
- OTDR signal analysis based on FTTA applications
- Smart algorithm to automatically detect and identify the network elements

FTTH

- Dedicated FTTH setup menus
- Full discover mode: auto-detection and identification of PON splitter types
- OptiPulses: auto measurement using numerous acquisition parameters to detect all events before, between, and after the splitter(s)
- Pre-set pass/fail thresholds per ITU-T/IEEE PON standards
- Direct correlation between SmartLink view and the OTDR traces

Cable Commissioning

- Optimized workflow, from testing against expected procedures to direct reporting
- Project view to easily control and document all the tested fibers
- Provide automation and consistency in managing an entire cable’s commissioning
- Handle list of labels or cable routes
- Allow controlling an optical switch to test MPO cable

Ordering Information

<table>
<thead>
<tr>
<th>Application</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLM</td>
<td>ESMARTLINK-xK</td>
</tr>
<tr>
<td>SLM upgrade</td>
<td>ESMARTLINKxKUPG</td>
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<tr>
<td>FTTH-SLM</td>
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<tr>
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In the part numbers, x=2 for T-BERD/MTS-2000; x=4 for T-BERD/MTS-4000; x=6 for T-BERD/MTS-6000 (with s/n >10,000)/-6000A; for SmartOTDR xK=100

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