Test and Certification Solutions for Enterprise & Data Center Contractors



Copper Certification*





Certifier10G™

Certifier40G™

Tier 1 and Tier 2 Fiber Certification*







SmartClass Fiber MPOLx



Certifier40G™



T-BERD/MTS-2000



T-BERD/MTS-4000 V2

Essential Fiber Tools

Fiber Inspection



Probe microscope FiberChek™ P5000i



FiberChek Sidewinder™

VFL



Visual fault locator FFL-050

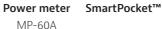
LFI



Live fiber identifier FI-60

Optical Power Measurement







PowerChek™

Ethernet Service Activation and Maintenance





SmartClass 4800

T-BERD/MTS-5800

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Copper Certification

Feature	Certifier10G	Certifier40G
Up to Category 6A/Class EA channel and link certification	•	•
Up to Category 7A/Class FA channel and link certification		•
Up to Category 8 channel and link certification		•
Patch cord certification	•	•
Coax certification	•	•
Test result management and reporting	•	•

Ethernet Service Activation and Maintenance

Feature	SmartClass 4800	TBERD/MTS 5800
Commissioning Traffic Tests compliant with RFC 2544, Y:1564, RFC 6349	•	•
Ethernet line rate capture/decode		•
OTN		•
CWDM/DWDM Testing		•
1G bandwidth testing	•	•
10G bandwidth testing		•
Dual port		•

Essential Fiber Tools Optical Power Meters (OPM)

Feature	MP-60A	SmartPocket	PowerChek
Broadband optical power measurement	•	•	•
Absolute and reference-level measurement	•	•	•
On-board results storage		•	•
Optical source		•	
Integrated display		•	•
In-bulkhead, non-contact test			•
Test result reporting	•	•	•

Live Fiber Identifier

Feature	FI-60A
Detect optical signals without having to disconnect the fiber	•
Ensure safe engagement with locking	•
Accepts multiple cable diameters (250 um to 3 mm jacketed fiber) without changing dies or inserts	•
Also functions as an optical power meter	•

Tier 1 and Tier 2 Fiber Certification

Feature	OLTS-85	MPOLx	Certifier40G	T-BERD/ MTS-2000	T-BERD/ MTS-4000 V2
Fiber end-face inspection (with P5000i)	•		•	•	•
Dedicated fiber patch cord microscope	•				
Tier 1 fiber certification	•		•		
Encircled flux compliant sources	•		•		
Copper certification					
Fiber MPO length/loss/polarity			•		
Tier 2 fiber certification (OTDR)				•	•
Test result management and reporting	•		•	•	•
Fiber MPO Characterization & Troubleshooting (OTDR)				•	•
External MPO Switch				•	•
Internal/Integrated MPO switch					

Essential Fiber Tools Fiber Inspection

Feature	P5000i	FiberChek	FiberChek Sidewinder
Dual magnification inspection of fiber end faces	•	•	•
Pass/fail analysis to industry standards or custom requirements	•	•	•
Compatible with mobile devices	•	•	•
Auto-focus		•	•
On-board storage		•	•
Integrated display		•	•
Test result reporting	•	•	•
Wireless operation		•	•
MPO pass/fail analysis	1 test = 1 fiber	1 test = 1 fiber	1 test = all fibers

Visual Fault Locator

Feature	FFL-050
Locate sharp bends, breaks, and damages in fiber	•
Conduct end-to-end continuity tests	•
1 mW laser for single-mode and multimode applications	•



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