Test and Certification Solutions for Enterprise & Data Center Contractors

VIAVI
VIAVI Solutions

Copper Certification*

Certifier10G™

Certifier40G™

Tier 1 and Tier 2 Fiber Certification*

SmartClass Fiber OLTS-85

SmartClass Fiber MPOLx

Certifier40G™

T-BERD/MTS-2000

T-BERD/MTS-4000 V2

Essential Fiber Tools

Fiber Inspection

Probe microscope P5000i

FiberChek™

FiberChek Sidewinder™

VFL

Visual fault locator
FFL-050

LFI

Live fiber identifier
FI-60

Optical Power Measurement

Power meter
MP-60A

SmartPocket™

PowerChek™

Ethernet Service Activation and Maintenance

SmartClass 4800

T-BERD/MTS-5800

VIAVI *CERTiFi enabled test instruments

Test and Certification Solutions for Enterprise & Data Center Contractors

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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