



# Test Solutions for Enterprise Networks

## Solutions for Testing Enterprise Copper



**TestifierPRO**  
TP650 / TP655



**ValidatorPRO**  
NT1150



**Certifier40G**  
NGC-4500-XX-XX



**Basic Fiber Inspection  
Kits - FBE Series**  
FBE-xxx



**Optimized Fiber  
Inspection Kits - FBP Series**  
FBP-xxx



**Integrated Inspection/  
Test Kits - FIT Series**  
FIT-xxx



**Digital Analysis Kits**  
FBP-SD01/FIT-SD03

## Solutions for Testing Enterprise Fiber



**USB Optical Power Meter**  
MP-xxx



**Visual Fault Locator**  
FFL-050



**OLP-34  
LAN Power Meter**  
2302/xx



**OLS-34  
LAN LED Source**  
2303/0x



**OLS-36  
Quad MM/SM Source**  
2303/2x



**Optical Loss Test Kits**  
2127/xx



**T-BERD/MTS-4000 OTDR**  
TB4-DIS-xxx/MTS-DIS-xxx

## Solutions for Testing Enterprise Active Networks



**LanScaperPRO**  
NT800 / NT850



**ValidatorPRO-NT-Cu**  
NT1055



**ValidatorPRO-NT**  
NT1155



**SmartClass Ethernet**  
CRC-ETHTR-P3



**T-BERD/MTS-4000 ESAM**  
TB4-DIS-xxx/MTS-DIS-xxx

### Copper Test Tools

	TestifierPRO (TP650) / TP655	Validator (V1950)	ValidatorPRO (VT1150)	Certifier40G (NGC-4500-FA-XX)	Certifier40G (NGC-4500-MM-XX)	Certifier40G (NGC-4500-MM3M-XX)
TIA/ISO Level IV Cat-6A Cable Certification				■	■	■
Tier 1 MM Fiber Certification					■	
Tier 1 MM/SM Fiber Certification						■
Report generation		■	■	■	■	■
Wiremap	■	■	■	■	■	■
Measure length	■	■	■	■	■	■
Distance to opens	■	■	■	■	■	■
Distance to shorts	■	■	■	■	■	■
Speed test copper cables to 1000Base-T		■	■			
Optical power meter			■		■	■

### Active Network Testers

	LanScapePRO (N1800) / N1800	ValidatorPRO-NT-Cu (NT1055)	ValidatorPRO-NT (NT1155)	SmartClass Ethernet (SC-ETHTP-P)	ESAM Kit (TB4-DIS-XXX/MIS-DIS-XXX)
Copper wiremap	■	■	■	■	■
Trace using passive IDs	■	■	■	■	■
Measures length	■	■	■	■	■
Toning (sends tone)	■	■	■	■	■
Distance to opens	■	■	■	■	■
Distance to shorts		■	■	■	■
Speed test copper cables to 1000Base-T		■	■	■	■
Measure PoE	■	■	■	■	■
Hub flash	■	■	■	■	■
Interface (port) discovery	■	■	■	■	■
Ping	■	■	■	■	■
Layer 2 discovery	■	■	■	■	■
Traceroute					■
Layer 4 connectivity					■
Network element discovery					■
Utilization statistics					■
Show protocol distribution					■
Identify top talkers					■
Capture frames with Wireshark and Expert Analysis					■
iPERF	■	■			○
Line Rate Throughput Testing					○
RFC 2544				■	
Probe Microscope for Fiber Endface Inspection					○
Report generation	■	■			■
Measures optical power			■		○
Visual FaultLocator (VFL)					○

### Fiber Inspection Tools

	FBE Basic Kit with 1.8" Display (FBE-SM2)	FBE Basic Kit with 3.5" Display (FBE-S02)	FBP Basic Kit with 1.8" Display (FBP-SM03)	FBP Basic Kit with 3.5" Display (FBP-S03)	FBP Optimized Kit with 1.8" Display (FBP-SM05)	FBP Optimized Kit with 3.5" Display (FBP-S05)	FBP Integrated Inspection & Test Kit with 1.8" Display (FTI-S105-P80)	FBP Integrated Inspection & Test Kit with 3.5" Display (FTI-S205-P80)	FBP Digital Analysis & Test Kit with FiberChek2 software (FBP-S001)	FBP Digital Analysis & Test Kit with FiberChek2 software (FTI-S003)
Probe microscope and display for fiber end face inspection with 4 inspection tips/adapters	■	■	■	■	■	■				
Includes dedicated patch cord inspection microscope										
Display size (in inches)	1.8	3.5	1.8	3.5	1.8	3.5	1.8	3.5	n/a	n/a
Probe microscope with USB 2.0 connection and 4 inspection tips									■	■
Connects to PC									■	■
Measures optical power					■	■			■	■

### Fiber Field Test Solutions (Power Meters, Light Sources, and OTDRS)

	LAN Power Meter - OLP-34 (2002/XX)	LED Source - OLS-34 (2003/0X)	Quad MM LED/SM Laser Source - OLS-36 (2003/2X)	Enterprise Basic Test Kit - OMK-34 (2127/XX)	Enterprise Plus Test Kit - OMK-34P (2127/XX)	Enterprise Quad MM/SM Basic Test Kit - OMK-36 (2127/XX)	Enterprise Quad MM/SM Plus Test Kit - OMK-36P (2127/XX)	MM OTDR Kit (TB4/MIS-DIS-QUAD-XXX)	USB Optical Power Meter with software (MP-60M)	Pocket Size Visual Fault Locator (PFL-650)
Multimode (50 μm)	■	■	■	■	■	■	■	■	■	■
Single-mode			■	■	■	■	■	■	■	■
Universal push/pull adapter	■			■	■	■	■	■	■	■
Fixed output adapters		■	■		■					
Field interchangeable adapters		○	○	■	■	■	■	■	■	■
Data results storage	○			■	■	■	■	■	■	■
Data download	○			■	■	■	■	■	■	■
Battery operation	■	■	■	■	■	■	■	■	■	■
AC operation	○	■	■	■	■	■	■	■	■	■
Probe Microscope for Fiber Endface Inspection								○	○	
Soft case	■	■	■	■	■	■	■	■	■	■
Touch screen								■*		
Auto-wavelength switching	■	■	■	■	■	■	■	■	■	■
Visual Fault Locator (VFL)								○	○	■

○ - Optional  
\* - Included in HPT Kit only



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[www.jdsu.com/enterprise](http://www.jdsu.com/enterprise)