APPLICATION NOTE

Fluke Networks Versiv™ Training Resources

DSX CableAnalyzer™

DSX CableAnalyzer™ Accelerates every step of the copper certification process

Topic	Description	Link
Setting up for a Category 5e Permanent Link test	Shows how to change the test limit on a DSX CableAnalyzer to a Category 5e Permanent Link (video)	Click Here
Setting a reference	Shows how to set a reference on a DSX CableAnalyzer (video)	Click Here
Setting up for a two pair Category 5e Permanent Link	Shows how to configure your DSX CableAnalyzer for a two pair Category 5e Permanent Link test (video)	Click Here
Shield Integrity Test	Shows how your current field tester may be reporting a false PASS when testing the shield continuity (video)	Click Here
Worst case margin vs. Worst case value	Explains how your test report contains two margins (video)	Click Here
Modular Plug Terminated Link (MPTL)	Discusses how you test a link that consists of a patch panel at one end and an RJ45 plug at the other; a common occurrence in the implementation of CCTV and wireless access points (video)	Click Here
NVP – Nominal Velocity of Propagation	Explains what NVP is, how it's calculated and your options for setting it in the DSX-5000 CableAnalyzer (video)	Click Here
NEXT failed due to a poor termination	Your DSX CableAnalyzer can diagnose a failing NEXT result caused by a poor termination (video)	Click Here
NEXT fails on a short link	Your DSX CableAnalyzer can diagnose a failing NEXT result. Even on a short link (video)	Click Here
Return Loss fails due to cable (example #1)	Your DSX CableAnalyzer can diagnose a failing Return Loss result (video)	Click Here
Return Loss fails due to cable (example #2)	Your DSX CableAnalyzer can diagnose a failing Return Loss result (video)	Click Here
Return Loss fails due to water in the cable	Your DSX CableAnalyzer can diagnose a failing Return Loss result caused by water in the cable (video)	Click Here

NEXT fails or marginally passes due to cable	Your DSX CableAnalyzer can diagnose a failing NEXT Loss result caused by the cable (video)	Click Here
Lubricant caused Insertion Loss to fail	Lubricant used to pull cable through conduit can cause an Insertion Loss issue (video)	Click Here
Poor balance resulted in a 1000BASE-T switch operating at 100BASE-TX	If your link certifies with good margin but the owner is still complaining about performance, you may wish to consider a TCL (Transverse Conversion Loss) measurement. The DSX CableAnalyzer is the only tester capable of this measurement in the field (video)	Click Here
The 3 dB Rule	Almost all Return Loss measurements in the DSX CableAnalyzer are subject to the 3 dB rule (video)	Click Here
The 4 dB Rule	Most ISO/IEC and EN NEXT measurements are subject to the 4 dB rule (video)	Click Here
The 10% rule for length	ANSI/TIA-1152 permits the length measurement to be exceeded by 10% (video)	Click Here

CertiFiber® Pro Optical Loss Test Set

CertiFiber® Pro Optical Loss Test Set

Topic	Description	Link
Getting Started with the CertiFiber Pro	Unboxing (video) Tester Setup – Part 1 (video) Tester Setup – Part 2 (video) Running a Test (video) Creating a Report (video)	Click Here Click Here Click Here Click Here Click Here
Automatic fiber inspection	How to turn on automated fiber inspection for the Versiv platform (video)	Click Here
Custom Fixed Loss Limit	How to create a custom fixed loss limit in the CertiFiber Pro (video)	Click Here
Custom connector/splice/fiber Loss Limits	How to create a custom connector, splice and/or fiber loss limit in the CertiFiber Pro (video)	Click Here
Single Fiber Testing with CertiFiber Pro	How to test a single fiber with the CertiFiber Pro (video)	Click Here
Fiber Application Standards	Application/Standards Articles (Fiber) (Knowledge Base Article)	Click Here

FI-7000 FiberInspector Pro

FI-7000 FiberInspector™ Pro 1-second automated PASS/FAIL certication of fiber optic connector end-faces

Topic	Description	Link
Getting Started with the FI-7000 FiberInspector Pro	FI-7000 FiberInspector Pro (video)	Click Here
Automated Fiber Inspection	How to turn on automated fiber inspection for the Versiv platform (video)	Click Here
Cross Contamination	How one dirty fiber connector can contaminate an entire installation (video)	Click Here

OptiFiber Pro

OptiFiber® Pro OTDR Built for the Enterprise

Topic	Description	Link
Getting Started with the OptiFiber PRO	Unboxing (video) Tester Setup (video) Running a Test – Part 1 (video) Running a Test – Part 2 (video) Creating a Report (video)	Click Here Click Here Click Here Click Here Click Here
Clearing the memory and all settings in your OptiFiber Pro	How to permanently wipe the internal memory of the OptiFiber Pro (video)	Click Here
Test limits	The importance of selecting the appropriate test limit (video)	Click Here
Launch Only Compensation	How to remove the length of your launch fiber from the OTDR measurement … plus the limitations of not using a tail (receive) fiber (video)	Click Here
Launch Plus Tail Compensation	How to remove the length of your launch and tail fiber from the OTDR measurement … plus the benefits of using a tail (receive) fiber. (video)	Click Here
Auto vs Manual OTDR	The difference in using AUTO vs MANUAL Mode in the OptiFiber Pro (video)	Click Here
Project Management	How the project feature in the OptiFiber Pro can be used to avoid errors when OTDR testing (video)	Click Here
Event Map	How the Event Map feature automatically maps a fiber link (video)	Click Here
Cross Contamination	How one dirty fiber connector can contaminate an entire installation (video)	Click Here

Versiv Knowledge Base

Topic	Description	Link
DSX-5000 Cable Analyzer	Knowledgebase Articles – DSX-5000 Cable Analyzer (Knowledge Base Article)	Click Here
CertiFiber PRO OLTS	Knowledgebase Articles – CertiFiber PRO (Knowledge Base Article)	Click Here
OptiFiber PRO OTDR	Knowledgebase Articles – OptiFiber PRO (Knowledge Base Article)	Click Here
FI-7000 Fiber Inspector PRO	Knowledgebase Articles – FI-7000 Fiber Inspector PRO (Knowledge Base Article)	Click Here

Versiv Technical Reference Handbook

Versiv™ Cabling Certification Product Family

Topic	Description	Link
Versiv Technical Reference Manual	Technical Reference Handbook for DSX5000, CertiFiber PRO and OptiFiber PRO (Manual)	Click Here

LinkWare Live

LinkWare™ Live Certification Management

Topic	Description	Link
Getting Started with LinkWare Live	LinkWare™ Live – How to Get an Account (video)	Click Here
Adding users to your account	LinkWare™ Live – Add Users to Your LinkWare Live Account (video)	Click Here
User Privileges	LinkWare™ Live – User privileges (video)	Click Here
Connect Versiv to the Internet	LinkWare™ Live – Connecting Versiv to the internet (video)	Click Here
Upload Test Results to LinkWare Live	LinkWare™ Live – Uploading projects (video)	Click Here
Set Up a Project	LinkWare™ Live – Setting up a project (video)	Click Here
Download Projects to a Versiv Cable Tester	LinkWare™ Live – Downloading projects to Versiv (video)	Click Here

Import Test Results to LinkWare PC	LinkWare™ Live – Importing results to PC (video)	Click Here
Reconciliation	LinkWare™ Live – Using reconciliation to verify test settings (video)	Click Here

About Fluke Networks

Fluke Networks is the worldwide leader in certification, troubleshooting, and installation tools for professionals who install and maintain critical network cabling infrastructure. From installing the most advanced data centers to restoring service in the worst weather, our combination of legendary reliability and unmatched performance ensure jobs are done efficiently. The company's flagship products include the innovative LinkWare™ Live, the world's leading cloud-connected cable certification solution with over fourteen million results uploaded to date.

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