

# Anwendungshinweis: Fluke Networks Versiv™ Training Resources

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DSX-5000  
CableAnalyzer™ Accelerates every step of the copper certification process

### DSX-5000 CableAnalyzer™

Thema	Beschreibung	Verkabelungsstrecke
Getting Started with the DSX5000	Unboxing (video) Tester Setup (video) Running a Test (video) Creating a Report (video)	<a href="#">Klicken Sie hier</a> <a href="#">Klicken Sie hier</a> <a href="#">Klicken Sie hier</a> <a href="#">Klicken Sie hier</a>
Setting up for a Category 5e Permanent Link test	Shows how to change the test limit on a DSX-5000 CableAnalyzer to a Category 5e Permanent Link (video)	<a href="#">Klicken Sie hier</a>
Setting a reference	Shows how to set a reference on a DSX-5000 CableAnalyzer (video)	<a href="#">Klicken Sie hier</a>
Setting up for a two pair Category 5e Permanent Link	Shows how to configure your DSX-5000 CableAnalyzer for a two pair Category 5e Permanent Link test (video)	<a href="#">Klicken Sie hier</a>
Überprüfen der Kabelschirmung	Shows how your current field tester may be reporting a false PASS when testing the shield continuity (video)	<a href="#">Klicken Sie hier</a>
Ungünstigste Spanne gegenüber ungünstigster Wert	Explains how your test report contains two margins (Knowledge Base Article)	<a href="#">Klicken Sie hier</a>
Modified Single Connector Permanent Link	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)	<a href="#">Klicken Sie hier</a>
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)	<a href="#">Klicken Sie hier</a>
NEXT failed due to a poor termination	Your DSX-5000 CableAnalyzer can diagnose a failing NEXT result caused by a poor termination (video)	<a href="#">Klicken Sie hier</a>
NEXT fails on a short link	Your DSX-5000 CableAnalyzer can diagnose a failing NEXT result. Even on a short link (video)	<a href="#">Klicken Sie hier</a>
Return Loss fails due to cable (example #1)	Your DSX-5000 CableAnalyzer can diagnose a failing Return Loss result (video)	<a href="#">Klicken Sie hier</a>
Return Loss fails due to cable (example #2)	Your DSX-5000 CableAnalyzer can diagnose a failing Return Loss result (video)	<a href="#">Klicken Sie hier</a>
Return Loss fails due to water in the cable	Your DSX-5000 CableAnalyzer can diagnose a failing Return Loss result caused by water in the cable (video)	<a href="#">Klicken Sie hier</a>
NEXT fails due to cable	Your DSX-5000 CableAnalyzer can diagnose a failing NEXT Loss result caused by the cable (video)	<a href="#">Klicken Sie hier</a>
Lubricant caused Insertion Loss to fail	Lubricant used to pull cable through conduit can cause an Insertion Loss issue (video)	<a href="#">Klicken Sie hier</a>
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-5000 CableAnalyzer is the only tester capable of this measurement in the field (video)	<a href="#">Klicken Sie hier</a>
The 3 dB Rule	Almost all Return Loss measurements in the DSX-5000 CableAnalyzer are subject to the 3 dB rule (video)	<a href="#">Klicken Sie hier</a>
The 4 dB Rule	Most ISO/IEC and EN NEXT measurements are subject to the 4 dB rule (video)	<a href="#">Klicken Sie hier</a>
The 10% rule for length	ANSI/TIA-1152 permits the length measurement to be exceeded by 10% (video)	<a href="#">Klicken Sie hier</a>
Copper Application Standards	Application/Standards Articles (Copper) (Knowledge base Article)	<a href="#">Klicken Sie hier</a>