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Fluke Networks Europe B.V.  
c/o Christian Schillab  
Bernhardgasse 8A/1  
AT-2430 Ladling  
Austria

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NETWORKING COMPONENTS

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COAXIAL CONNECTORS

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CABLE ASSEMBLIES

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PRECISION TURNED PARTS

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PLASTIC INJECTION MOULD PARTS

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INDUSTRIAL ELECTRONICS

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Steinenbronn, 13.01.2017

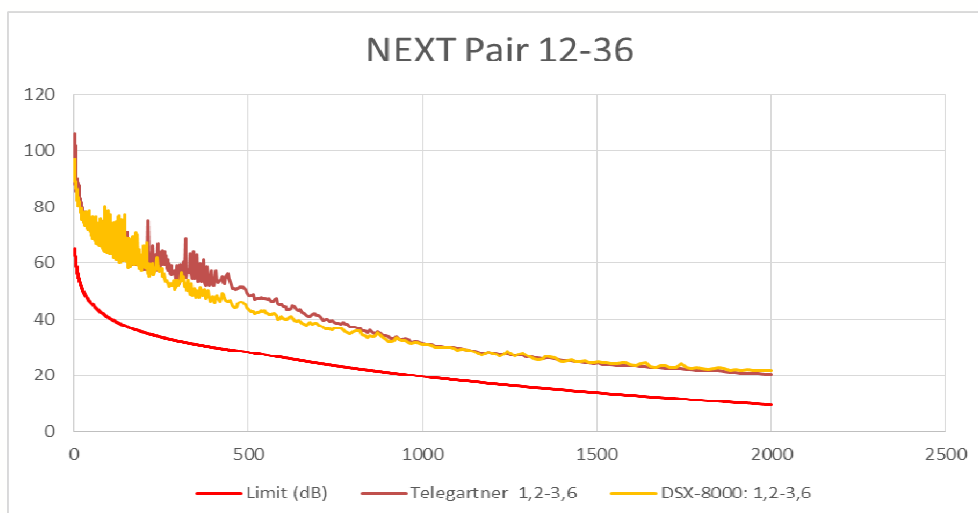
### Fluke Networks VERSIV DSX-8000 CableAnalyzer™

Dear Mr. Schillab!

Telegärtner has completed the evaluation of Fluke Networks VERSIV DSX-8000 CableAnalyzer™ with DSX-CHA004S Channel adapters and DSX-PLA004S Permanent Link adapters in its laboratory and hereby approves it for testing and certification of Permanent links and Channels comprising of Telegärtner DataVoice cabling systems of Class D, Class E, Class E<sub>A</sub> according to ISO/IEC 11801 Edition 2.2 (2011-06), EN 50173-1 (2011-09) respectively CAT5E, CAT6, CAT6A according to ANSI/TIA/EIA-568-C.2.

Matching comparison measurements between our laboratory network analyzers and the Fluke Networks VERSIV DSX-8000 CableAnalyzer™ with DSX-CHA004S Channel adapters and DSX-PLA004S Permanent Link adapters form the base for this approval.

Furthermore, additional test results of a Cat.8.1 / Class I link using Telegärtner connecting hardware as well as Telegärtner Cat.8.1 test set-up showed high correlation between the different test devices.

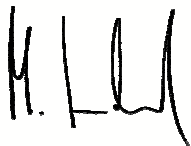


For the purpose of on-site cabling system certification, the Fluke Networks VERSIV DSX-8000 CableAnalyzer™ must be operated with latest available firmware version. Depending on the cabling systems performance level, corresponding test equipment adapters must be used. The approval is granted and valid for the following Telegärtner DataVoice cabling systems.

Telegärtner DataVoice cabling systems	
AMJ-series, UMJ-series, STX-series	Cable types
AMJ45-series, UMJ45-series,	UMJ 300, UMJ 500
MPP-series, MPD-series	AMJ 200, AMJ 300, AMJ 500
TOC-series, VM-series	AMJ 900, AMJ 1000, AMJ 1300,
MFP8-series	AMJ 1600, AMJ 2000
UFP8-series	STX 900, TOC 900
M12-series	PROFINET

Please kindly update Fluke Networks' website, Technical support personnel and knowledge base to reflect the Telegärtner approved field test equipment.

Best regards



Marcel Leonhard

Product Line Manager DataVoice  
Copper Solutions

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