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Subject: DSX-5000 CableAnalyzer™

Belden has completed an evaluation of Fluke Network's DSX-5000 CableAnalyzer™ for verification testing of twisted pair copper cabling to Category 5e/ISO Class D, Category 6 /ISO Class E, Category 6A/ISO Class E_A limits and beyond. The evaluation was made in our laboratories using the DSX-5000 CableAnalyzer™ with DSX-PLA004S Permanent Link Adapters, DSX-CHA004S Channel Adapters and DSX-LABA Lab Adapters. The results correlate very well with measurements performed using an Agilent E5070B ENA Series Network Analyzer when tested under the same conditions. We are very impressed with the features, measurement accuracy and capabilities of the test instrument.

The DSX-5000 CableAnalyzer™ is part of the Versiv™ product family, which also includes fiber OLTS certification and OTDR analysis modules. The DSX-5000 has a high resolution touch screen and graphics display with the ability to quickly zoom in on measured results over a specific frequency range. It also provides the capability to determine the location of a shield discontinuity for shielded systems. The most impressive feature is the capability to measure pair balance (TCL) as well as differential to common mode coupling between pairs (NEXT_{dc} and NEXT_{cd}), which is a useful tool to evaluate cabling performance at higher frequencies.

Belden is pleased to announce the approval of this test equipment for channel and permanent link performance verification of Belden's IBDN 1200, 2400, 4800 and 10GX cabling systems. We look forward to continued cooperation with Fluke Networks in the future to evaluate new product features and capabilities as they become available.

Sincerely,



Paul Kish
Director, Systems & Standards

cc: IBDN Technical Support, Francois Beauregard and Virak Siev, Belden