



Fluke Networks DSX-600-PRO Cable Analyzer - Cabling Certification



link to the product:

<https://intersell.pl/gb/564-fluke-networks-dsx-600-pro-cable-analyzer-cabling-certification.html>

Manufacturer: Fluke Networks

Referention number: DSX-600-PRO

Full product description

The Fluke Networks DSX-600-PRO Cable Analyzer is a tool used in the necessary cabling certification process. Suitable for structured cabling, incl. twisted pairs from category 3 / class C to category 6A / class EA. The device has been designed with the comfort of a specialist in mind. Its speed, reliability and the ability to see the results at the end increase your work efficiency. The user interface - based on gestures - is designed so that the operator spends less time interpreting what the device displays and more time testing. The analyzer has a frequency range of 500MHz, which enables certification of Cat. 6A / Class EA cabling for 10 Gigabit Ethernet in 10 seconds.

An advanced diagnostics system indicates the point of failure and suggests corrective action, while the cloud-based LinkWare™ Live service allows you to manage certification work anytime, anywhere with any person and device.

Features:

- Category 6A and class EA cabling certification,
- Equipped with Channel type adapters,
- The PRO version includes Permanent Link adapters with a removable test plug,
- 10 seconds of Category 6A test time,
- The ProjX™ management system makes test setup fast and reliable,
- HDTDX and HDTDR diagnostics for precise fault location,
- Integration with LinkWare™ Live enables remote management of works and testers using any device,
- LinkWare™ PC software allows you to easily and quickly generate professional reports in PDF format.

Category 6A certification in 10 seconds

The DSX-600-PRO analyzer offers a complete solution that streamlines every aspect of the certification process - from configuration, through testing and troubleshooting, to reporting the results to the customer. The device performs Class E / Cat 6 certification tests in 9 seconds and Class EA / Cat 6A tests in 10 seconds, while maintaining the highest accuracy and complete compliance with industry standards. This incredible speed allows the operator to test hundreds of connections during an eight-hour shift.

Fast troubleshooting

In the event of a link failure, the HDTDR and HDTDx algorithms provide quick and easy-to-understand clues to identify the point of failure (indicating the distance from the tester). Instead of spending a lot of time trying to correct errors and then re-checking to see if the problem is resolved, the technician knows exactly where to look for damage on the link.

Even if only two percent of certified cables fail the Autotest over the entire shift, the operator still saves over two hours a day for certification.

Fast, even when not tested

The DSX-600-PRO is not only a way to quickly test. The ProjX™ System manages tasks and progress from setup to system acceptance, ensuring that all tests are performed correctly "first time". The gesture-based Taptive™ user interface, bright color display, large memory, and built-in talk function contribute to overall productivity while improving user experience. Extended battery life means you can do more with a single charge. All this allows you to save time and money every day.

SPECIFICATION	
Technical parameters	
Model	DSX-600-PRO
Self-test speed	Full two-way self-test Cat 5e or 6 / Class D or E: 9 seconds Full Two-way Cat 6A / Class EA Self-Test: 10 seconds
Test parameters supported (the test standard defines the parameters and the given frequency range)	Wire Map, Length, Propagation Delay, Delay Skew, DC loop resistance, Insertion Loss - attenuation, Return Loss - RL, NEXT (Near-End Crosstalk), Attenuation-to-Crosstalk Ratio (ACR-N), ACR-F (ELFEXT), Power Sum ACR-F (PS ELFEXT), Power Sum NEXT, Power Sum ACR-N,
Maximum frequency [MHz]	500
Cable types	Shielded and Unshielded LAN Cabling: TIA categories 3, 4, 5, 5e, 6, 6A: 100? ISO / IEC Class C, D, E, EA: 100? and 120?

Standard coupler adapters	Fixed link adapters Plug type: shielded RJ45
Test standards	
TIA	Categories 3, 5, 5e, 6, 6A for TIA 568-C.2 or TIA-1005
ISO / IEC	Classes C and D, E, EA certified to ISO / IEC 11801: 2002 as amended
IEEE 802.3	10BASE-T 100BASE-TX 1000BASE-T 10GBASE-T
General parameters	
Dimensions [mm]	66.7 x 133.3 x 279.4 (2.625 x 5.25 x 11 inches)
Weight [kg]	1.36 (3 lbs)
Display	5.7 inch LCD display with capacitive touch screen (Projected Capacitance)
Power	7.2V lithium ion battery
Working time [h]	8 (typical)
Memory	12,000 Cat 6A results with graphs
Working conditions	Ambient temperature: 0 to 45 [° C] Relative humidity: 0 - 90% (at 0 to 35 ° C) 0-70% (at 35 to 45 ° C)
The storage conditions	Ambient temperature: -30 to 60 [° C] Relative humidity: 0 - 95%
Additional environmental requirements	Vibration: random, 2g, 5-500Hz Drop: up to 1m (resistance test without attached module and adapter) Altitude: 3200m (with AC adapter) / 4000m Safety: CSA 22.2 No. 61010, IEC 61010-1 3rd Edition EMC: EN 61326-1: Portable

Order

Standard equipment

- DSX-600-PRO device (main and remote unit),
- Two Cat 6A / Class EA Channel Adapters,
- Two Permanent Link Adapters
- One 15 cm (6 inch) reference RJ45 patch cord,
- USB cable for communication with a PC,
- Two AC adapters (30W, 15V, 2A),
- User manual,
- Bag.

