



# A breakthrough in Cat 6 Testing ...new DSP-4300 available now!


## New DSP-4300 Digital CableAnalyzer™ offers total Cat 6 solution:

- Exceeds specification requirements for Cat 5, Cat 5e and Cat 6 with Level III Accuracy, independently verified by both UL and ETL SEMKO
- Delivers more accurate PASS results with the new revolutionary Permanent Link Adapter – included with the DSP-4300
- Includes Cat 6 Channel Adapter and a Channel/Traffic Adapter so you're ready to test Cat 6 channel limits with DSP accuracy
- Automatically diagnoses cabling faults and shows exact locations in feet or meters
- Expanded 16 MB on-board memory saves up to a full day's worth of testing (300 tests) if you forget your multimedia card, or fill up the card
- Download TIA-606A compliant Cable IDs to the DSP-4300 in the office to save time in the field and ensure accurate data
- Includes removable memory card and the most advanced cable test management software package

And you have the assurance of performance, reliability and standards compliance backed and verified by both UL and ETL SEMKO.



## The revolutionary Permanent Link Test Solution – included!

 Our new DSP-LIA101S Permanent Link Adapter delivers more passes. Eliminates costly false fail results due to worn twisted pair test leads. They develop internal wear and tear you can't see and before you know it – your link test fails. Falsely. That means wasted time in troubleshooting. And blown re-testing costs. The new “non-twisted pair” design in our Permanent Link Adapter solves all that.

## Universal Cat 6 modules eliminate bulky adapters

The new DSP-4300 gives you a set of universal, compact modules that support many manufacturers' cabling systems. Simply exchange the Personality Module (PM01 or PM02) at the end of the adapter for an easy, cost-effective solution with Cat 6 interoperability. There's no more need to buy bulky Cat 6 basic link adapters for each cabling system.

## Channel Testing and Channel Traffic Monitoring

The DSP-4300 has you covered for Channel Testing. Plug the Channel Adapter onto the DSP-4300 and you can test with confidence. With Remote Connector Compensation™ (RC<sup>2</sup>) you'll get the most accurate measurement results, giving you the true view of the cabling system's performance. Adding the Channel/Traffic Adapter extends your diagnostics and troubleshooting capabilities all in one tester.



**Fluke Networks shows you the future of Cat 6 testing.  
Again. That's Network SuperVision.**



## DSP-4000 Series Selection Guide

	DSP-4300	DSP-4100	DSP-4000PL	DSP-4000
Standard DSP Package*	•	•	•	•
Cat 6/5E Permanent Link Adapters	•	**	•	**
Cat 6/5E Channel Adapters	•	•	•	•
Cat 6/5E Channel/Traffic Adapter	•			
On-Board Memory—store up to 300 results	•		(summary test only)	
MMC Card & Card Reader	•	•		
<b>DSP-4300 Enhancement Kits</b>				
DSP-4300E1 DSP-4100 to DSP-4300		•		
DSP-4300E0 DSP-4000 to DSP-4300			•	•

\*Standard DSP-4000 Series Package refers to Main and Remote test units, Talk Sets (2), Instrument Straps (2), DSP Calibration Module, RS-232 Serial Cable, 8-pin modular to BNC adapter, Rechargeable NiMH battery packs (2), AC Adapter/Chargers (2), CableManager Software, Users Information CD-ROM, Getting Started Guide, Quick Reference Card, warranty registration card, and rugged soft case.

\*\*Cat 5e Basic Link Adapters

## Ordering Information

Model	Items Included
DSP-4300	DSP-4300 Digital CableAnalyzer™
DSP-4100	DSP-4100 Digital CableAnalyzer™
DSP-4000PL	DSP-4000PL Digital CableAnalyzer™
DSP-4000	DSP-4000 Digital CableAnalyzer™
DSP-CMS	CableManager™ Software Free download from Fluke Networks' web site at <a href="http://www.flukenetworks.com/cms">www.flukenetworks.com/cms</a>

## DSP-4000 Series Upgrades, Options and Accessories:

DSP-4300E1	<b>Enhancement Kit: DSP-4100 to DSP-4300</b> Includes expanded on-board memory (16 MB), software upgrade, CableManager v4.6, User Information CD and a Certified Calibration
DSP-4300E0	<b>Enhancement Kit: DSP-4000 to DSP-4300</b> Includes 16 MB Multimedia card, PC card reader, expanded on-board memory (16 MB), software upgrade, CableManager v4.6, User Information CD and a Certified Calibration
DSP-LIA101S	<b>Permanent Link Interface Adapter</b> Includes two interface adapters that plug into the high performance connector of the DSP-4000 Series and one set of the DSP-PM01 Personality Modules
DSP-LIA012S	<b>Cat 6/5e Channel Adapter Set</b>
DSP-LIA013	<b>Cat 6/5e Channel/Traffic Adapter</b>
DSP-PM01, DSP-PM02	<b>Permanent Link Personality Modules</b> Optional set of personality modules supports specific groups of Cat 6 connector systems. See compatibility matrix at <a href="http://www.flukenetworks.com">www.flukenetworks.com</a>

## Expanded on-board memory stores full day's results

Left your memory card at the office? Don't worry, the DSP-4300 has 16 MB of built-in internal memory, so you can test and save up to 300 full graphical test results to 350 MHz. Insert a 32 MB memory card and extend this to 600 results. Using the removable multimedia card allows you to keep the DSP on site. Take the memory card back to the office or mail card to your customer.

## Accurate cable ID download saves time

No more clumsy and time-consuming text-entry to enter cable IDs into the DSP. Just download the cable IDs from any application that can generate a text file: for example, a labeling software, a database manager, a spreadsheet, CableManager™ Software, or a third-party infrastructure management package. Downloading the cable IDs in advance saves time in the field by eliminating the need to manually enter cable IDs into the tester. It also saves time in the office by ensuring that test result IDs match exactly the cable IDs in the company's infrastructure management or labeling software.

## Upgrade your DSP-4000 Series Digital CableAnalyzer

See ordering information for upgrade options for your DSP-4000 or DSP-4100.

### NETWORK SUPERVISION

**Fluke Networks, Inc.**  
P.O. Box 777, Everett, WA USA 98206-0777

**Fluke Europe B.V.**  
P.O. Box 1186, 5602 BD  
Eindhoven, The Netherlands

**For more information call:**  
U.S.A. (800) 283-5853 or  
Fax (425) 446-5043  
Europe/M-East/Africa (31 40) 2 675 200 or  
Fax (31 40) 2 675 222  
Canada (800) 363-5853 or  
Fax (905) 890-6866  
Other countries (425) 446-4519 or  
Fax (425) 446-5043  
E-mail: [fluke-assist@flukenetworks.com](mailto:fluke-assist@flukenetworks.com)  
Web access: <http://www.flukenetworks.com>

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