

HCS Newsletter

No. 69, Dated Friday, 03 April, 2009

HCS DataLink 500A RJ-45 Shielded Modular Cords obtained Delta-EC VERIFICATION as Augmented Category 6 (CAT 6A) Cords at the Component Level



HCS, the only Turkish manufacturer of state-of-the-art LAN cabling systems obtained formal **DELTA-EC VERIFICATION** for its DataLink 500A Augmented Category 6 shielded RJ-45 Modular Cords according to the following standards:

- **ANSI/TIA/EIA-568-B.2-10**
- **ISO/IEC 11801 2nd Edition:2002 Amendment 2 (Draft)**
- **CENELEC EN 50173: 2007**
- **IEC 61935-2 (Transmission requirements)**

The certificate covers both PVC and LS0H (Halogen-Free, Flame Retardant Low-smoke) modular cords and it is attached to this newsletter.



HCS DataLink 500A Augmented Category 6 shielded cords, available in a variety of lengths & colors, HCS P/N [T6A-0047X](#) and [T6A-0048X](#), were specially engineered to perform well beyond Category 6A standards in all transmission parameters, maintaining a healthy NEXT and RL margins up to 500MHz in all combinations, even in short permanent links (15m min. length, as specified in ISO/IEC-11801).

HCS DataLink 500A Augmented Category 6 shielded cords provide several important benefits:

- ✓ Each and every cord is individually tested both at the component level (from both ends) and in a 15m link using ISO/IEC-11801 Class E_A limits, providing the highest degree of performance assurance.
- ✓ The plugs comply in full to the dimensional limits of IEC 60603-7-51 (shielded 500 MHz connectors), making them physically & electrically compatible with all standard jacks.
- ✓ The plugs are fully centered, replicating the permanent-link transmission test results done by Fluke DTX-1800 and providing the highest margins in channel test and in actual performance.

For more information on HCS products please browse the [HCS Online Catalog](#) or contact us at [HCS Istanbul](#).
HCS is the No.1 Turkish supplier of high- performance fiber optic and Copper LAN Cabling Systems.

HCS – HES Cabling Systems

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Compliance Statement

No. 2009-081

Data communication cords, Category 6A

Company

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Product description

Screened Category 6A RJ45 cords (equipment, patch, and work area) characterised up to 500 MHz

Product identification

- RJ45 Cat6A S/FTP patch cords, PVC
T6A-0047X-YYZ, (X: denotes jacket colour, YY: denotes length, Z: denotes boot colour)
- RJ45 Cat6A S/FTP patch cords, LSZH
T6A-0048X-YYZ, (X: denotes jacket colour, YY: denotes length, Z: denotes boot colour)

Generic cabling standards, cabling components standard

- Draft ISO/IEC 11801 2nd edition:2002, amendment 2
- EN 50173:2007
- ANSI/TIA/EIA-568-B.2-10
- IEC 61935-2 (transmission requirements)

Technical report

DELTA-N31549-02, DANAK-19J2041

Manufacturer code

2041B

Certificate valid until

2 April 2010

This product has been tested by EC Cabling Group of DELTA and complies with the requirements of the above specified standards and "Terms and conditions for use of the EC VERIFIED marking on generic cabling products", DQP231006. The product takes part in a maintenance of certification schedule, which implies that EC Cabling performs a sample test of the product once a year.

Hørsholm, 2 April 2009

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