



HCS - HES Cabling Systems

[www.hescs.com](http://www.hescs.com)

Made in Turkey... With Pride!

## HCS Newsletter

No. 56, Dated Friday, 24 March, 2006

### HCS Category 6 FTP Horizontal cable ETL Verified to ANSI/TIA/EIA-568-B.2-1 & IEC 61156-5



HCS, the only Turkish manufacturer of state-of-the-art LAN cabling systems obtained formal ETL Verifications to its Category 6 Foil-Shielded horizontal cable according to ANSI/TIA/EIA-568-B.2-1 & IEC 61156-5. Both certificates are attached to this newsletter.



HCS DataLink 250 Category 6 FTP cable, HCS P/N H06-0041x, was specially engineered to perform well beyond Category 6 standards in all transmission parameters, using state-of-the-art machinery and cable design technology, ***maintaining a 10dB NEXT margin in the entire frequency range.*** In addition to its excellent transmission properties, HCS CAT 6 FTP cable has an outstanding EMC performance, providing over 20dB margin of Screening Attenuation. The use of Category 6 FTP cable instead of Category 7 S/STP cable for Category 6 cabling systems provides several important benefits:

- It makes the installation faster & easier, as the overall aluminum foil is removed with the jacket and the tedious process of carefully removing the individual foils from each pair is eliminated.
- The individual wires are easily inserted into the jacks, having smaller OD, compared to the Category 7 S/STP cable basic wires.
- It minimizes termination errors, as each wire is color coded, while in Category 7 S/STP cables there are normally 4 white wires.
- It minimizes link & channel failures as exposing the pairs does not adversely affect the RL, the impedance and the NEXT performance.

HCS DataLink 250E Category 6 FTP cable design incorporates several HCS innovations that maintain the structural and electrical stability of the cable after packaging, after installation (simulated by U-BEND & S-BEND IEC tests) and during the entire lifetime of the cabling system.

The above, combined with the unique [HCS DoubleSafe Quality Program](#) and the [HCS Century Lifetime Warranty](#), provides the best Category 6 FTP cable in the market today.

[HCS DataLink 250 Category 6 FTP cables](#) are ETL Verified both to ANSI/TIA-EIA-568-B.2-1 & to ISO/IEC 11801 & IEC 61156-5, they are available in both PVC and LS0H (halogen-free flame retardant) versions and in a variety of colors, packed on 305m plywood reels.

HCS Category 6 FTP cables, like all other HCS products, are fully compatible with EU Directive 2002/95/EC (RoHS).

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 twisted pair LAN Cabling Systems.***

#### HCS – HES Cabling Systems

**HQ:** Bankalar Caddesi Ekas Han No. 75-77 8000 Karakoy Istanbul, Turkey.  
Phone: +90-212-2565630 Fax: +90-212-2565446

**PLANT:** Erciyes Mahallesi Hes Caddesi No:22 38210 Kayseri, Turkey  
Phone: +90-352-442 25 40 Fax: +90-352-442 28 00

*Connecting Networks*

# CERTIFICATE OF CONFORMANCE

This authorizes the application of the ETL Verified Mark shown below to the models described in the Product Description section when made in accordance with the conditions set forth in the Verification Agreement and Qualification Testing Report.

Certificate Number: 3089657-003

**Applicant:**

HCS - HES Cabling Systems  
Bankalar Caddesi Ekas Han No:75-77  
80000 Karaköy  
Istanbul, Turkey

**Manufacturer:**

HES Hacilar Elektrik Sanay  
Hacilar Yolu 8 Km  
PK 245  
38210 Kayseri, Turkey

**Applicant Contact:** Mr. Ergun R. Akan

**Mfg. Contact:** Mr. Ergun R. Akan

**Report No.:** 3089567

**Product Description:** 4 pair, 23 AWG, FTP, CM, Non-Plenum, Horizontal (solid) Cable.

**Part Number(s):** H06-00411

The product has been tested and found to comply with the applicable electrical transmission characteristics specified in ANSI/TIA-568-B.2-1 Category 6.

This certificate, supported by your participation in the ETL Verification Program, is authorization to apply the ETL Verification Mark. Jacket marking shall include:

ETL Verified to ANSI/TIA-568-B.2-1 Category 6.

Continuing compliance to this specification is monitored through production testing, quarterly inspections by Intertek at the production facility and random sample testing.

**Date ETL Verified:** 3/23/2006

**Certificate Issued By:**

  
Kathy Heath, Program Administrator

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*This document supersedes all previous ETL Verified Certificates of Conformance for the noted Certificate Number.*

# CERTIFICATE OF CONFORMANCE

This authorizes the application of the ETL Verified Mark shown below to the models described in the Product Description section when made in accordance with the conditions set forth in the Verification Agreement and Qualification Testing Report.

Certificate Number: 3089657-006

**Applicant:**

HCS - HES Cabling Systems  
Bankalar Caddesi Ekas Han No:75-77  
80000 Karaköy  
Istanbul, Turkey

**Manufacturer:**

HES Hacilar Elektrik Sanay  
Hacilar Yolu 8 Km  
PK 245  
38210 Kayseri, Turkey

**Applicant Contact:** Mr. Ergun R. Akan

**Mfg. Contact:** Mr. Ergun R. Akan

**Report No.:** 3089567

**Product Description:** 4 pair, 23 AWG, FTP, CM, Non-Plenum, Horizontal (solid) Cable.

**Part Number(s):** H06-00411

The product has been tested and found to comply with the applicable electrical transmission characteristics specified in ISO/IEC 11801:2002 Category 6 and IEC 61156-5.

This certificate, supported by your participation in the ETL Verification Program, is authorization to apply the ETL Verification Mark. Jacket marking shall include:

ETL Verified to ISO/IEC 11801:2002 Category 6 and IEC 61156-5.

Continuing compliance to this specification is monitored through production testing, quarterly inspections by Intertek at the production facility and random sample testing.

**Date ETL Verified:** 3/23/2006

**Certificate Issued By:**

  
Kathy Heath, Program Administrator

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