



HCS Newsletter

No. 64, Dated Wednesday, 25 July, 2007

HCS DataLink 500A AUGMENTED Category 6 U/FTP Horizontal cables ETL Verified to ANSI/TIA/EIA-568-B.2-10



HCS, the only Turkish manufacturer of state-of-the-art LAN cabling systems obtained formal [ETL Verification](#) to its AUGMENTED Category 6 U/FTP horizontal PVC and LS0H cables according to ANSI/TIA/EIA-568-B.2-10 latest draft.

The ETL certificate is attached to this newsletter.



HCS DataLink 500A Augmented Category 6 U/FTP PVC and LS0H (Halogen-free & flame retardant) cables, [HCS P/N H6A-00431](#) & [HCS P/N H6A-00432](#), were specially engineered to perform well beyond Category 6A standards in all transmission parameters, using state-of-the-art machinery and cable design technology, ***maintaining 30 dB NEXT margin in the entire frequency range. (That's right, thirty dB NEXT margin).***

In addition to its excellent transmission properties, HCS CAT 6A U/FTP cable has an outstanding EMC performance, providing over 20dB margin of Alien Crosstalk. (A typical AXT test report is attached). The use of Category 6A U/FTP cables for 10GBE cabling systems provides several important benefits:

- It makes the installation faster & easier, as the 4 individual aluminum foils are removed with the jacket and the tedious process of carefully removing the individual foils from each pair is eliminated.
- The cable small OD (7.2 mm) and the absence of any cross-separator render the cable easy to handle, to bend and to route.
- The individual foil shields minimize the effects of installation abuse and cable aging, ensuring high margins for many years.

HCS DataLink 500A Category 6A U/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 Augmented Category 6 U/FTP cable in the market today.

HCS DataLink 500A Category 6A U/FTP cables are [ETL Verified](#) to ANSI/TIA-EIA-568-B.2-10 and 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 6A F/UTP 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

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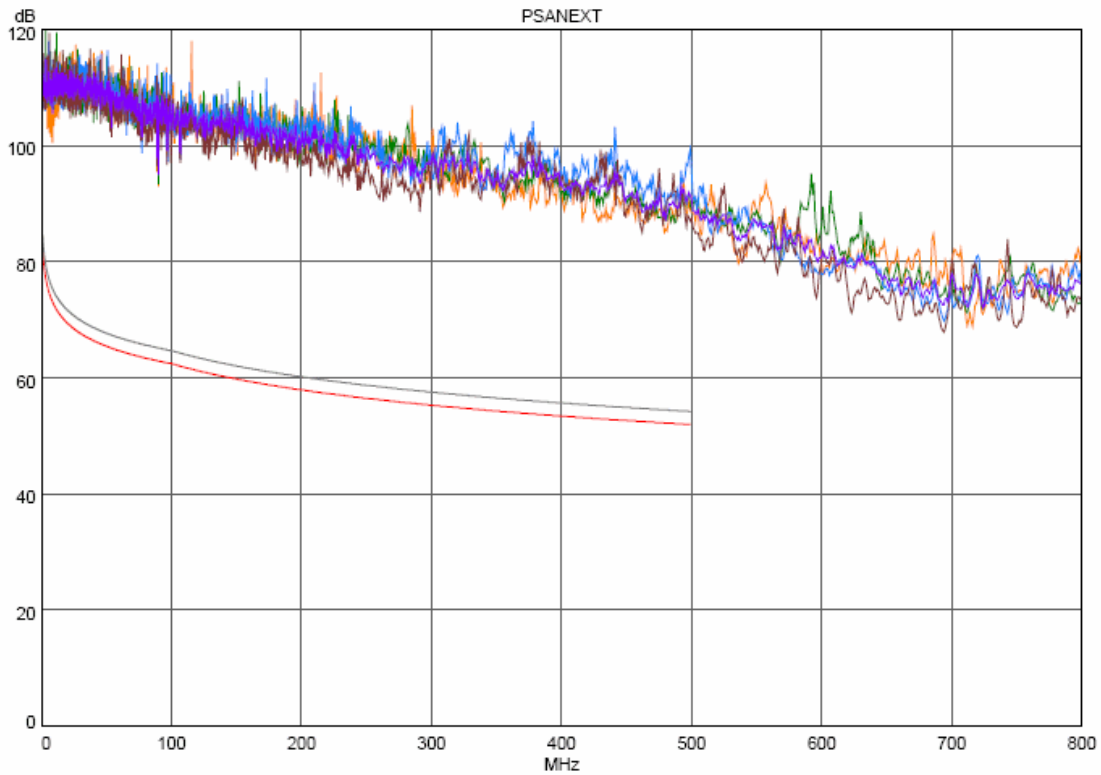
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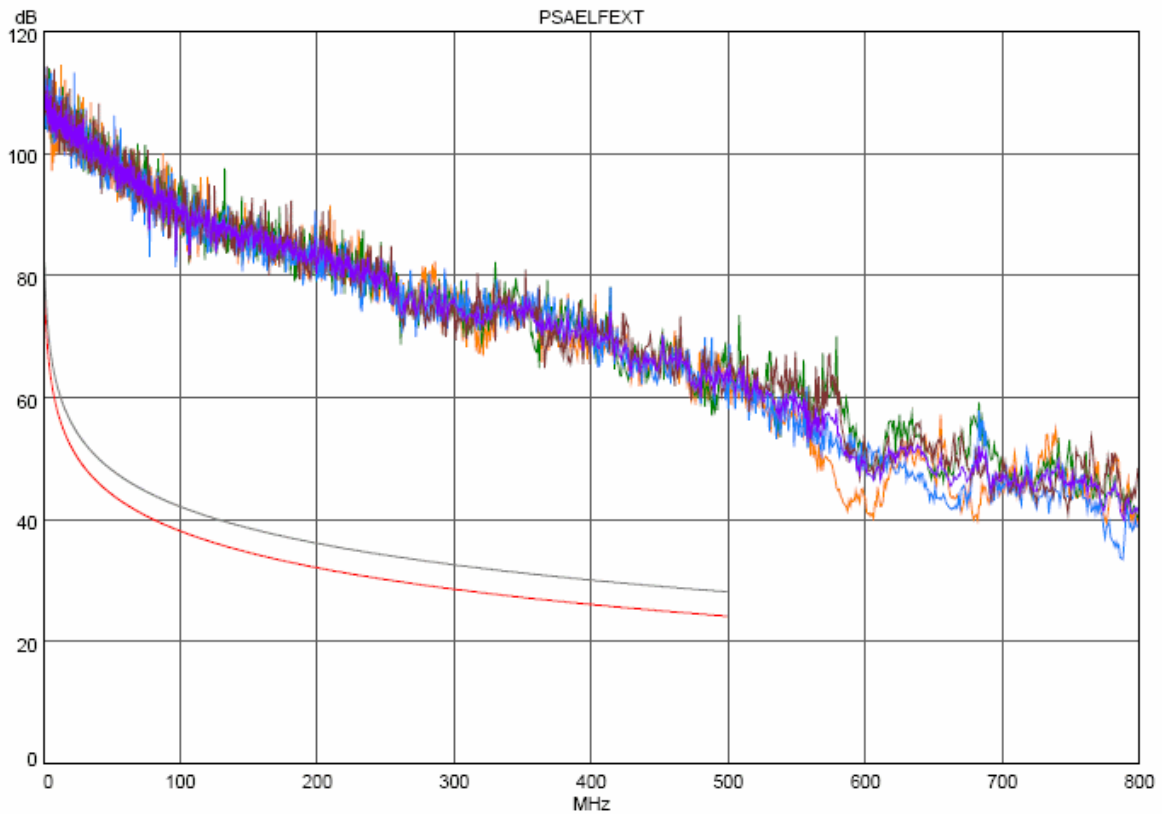
Connecting Networks

HCS CAT 6A H6A-00431 & H6A-0032 typical AXT test results

Powersum Alien Near-end Crosstalk (ANEXT)



Powersum Attenuation to Alien Crosstalk Ratio at the Far-end (PSAACRF)



Intertek**ETL SEMKO**

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: 3122572CRT-003

Applicant:

HCS Kablolama Sistemleri Sanayi ve Ticaret A.Ş.
Turgutreis Mah. Barbaros Cad.
Giyimkent Kooperatif içi Vadi Bulvarı No:1
34235 Esenler /Istanbul, Turkey

Manufacturer:

HES Hacilar Elektrik Sanayi ve Ticaret A.Ş.
Erciyes Mah. HES Caddesi No:22
PK 245 38210 Hacilar
Kayseri, Turkey

Applicant Contact: Mr. Ufuk Yilmaz

Mfg. Contact: Mr. Asim Mercan

Report No.: 3122572CRT-002

Product Description: 4 pair, 23 AWG, U/FTP, CM, Non-Plenum, Horizontal (Solid) Cable.

Part Number(s): H6A-00431 & H6A-00432

The product has been tested and found to comply with the applicable electrical transmission characteristics specified in TIA-568-B.2-10 Category 6A Draft 6.0 for Augmented Category 6 Cable.

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 TIA-568-B.2-10 Category 6A Draft 6.0 for Augmented Category 6 Cable.

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: 7/5/2007

Revised Date: 7/10/2007

Certificate Issued By:



Kathy Heath, Program Administrator

This document is the property of Intertek ETL SEMKO and is not transferable. Only the Applicant may reproduce this document. The ETL Verified Mark may be applied only at the above noted location of the Party Authorized to Apply the Mark.

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

Intertek ETL SEMKO

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