

HCS Newsletter

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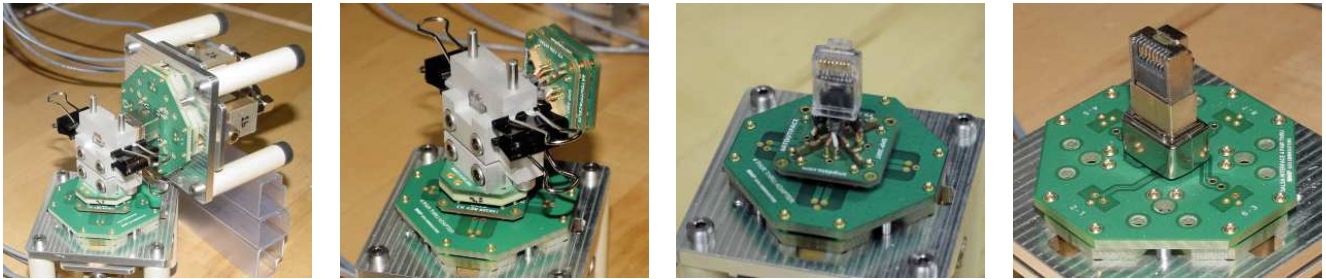
HCS DataLink 500A Augmented Category 6 components fully conform to the newly ratified TIA/EIA-568-B.2-10 standard at the component-level (De-embedded & re-embedded method)

At long-last, TIA TR-42.7 has ratified TIA/EIA-568-B.2-10 (Tampa, FL, 6 February 2008). The standard will be published after it gets ANSI formal approval.

HCS proudly announces that all its **DataLink 500A** Augmented Category 6 components are in full compliance with the ratified TIA/EIA-568-B.2-10 standard.

The major reason for the delay in ratifying TIA/EIA-568-B.2-10 was the test methods of the Category 6A plugs and jacks. **HCS Category 6A jacks are tested and verified at the component-level according to the ratified TIA/EIA-568-B.2-10 test methods, as detailed in Annex G (Connecting hardware test procedures) and Annex H (Impedance controlled measurement fixture) using the de-embedded & re-embedded calculations.**

Detailed test results can be downloaded from the following links: [J6A-00813](#) and [J6A-00823](#).



HCS DataLink 500A Augmented Category 6 unshielded and fully shielded Keystone Jacks, HCS P/N [J6A-00813](#) and [J6A-00823](#), were specially engineered to perform well beyond Category 6A standards in all transmission parameters, maintaining a minimum of 3dB NEXT margin 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 Keystone Jacks provide several important benefits:

- ✓ Termination is done with a regular punch-down tool, requiring a minimal training and no special expertise, providing fast and simple installation.
- ✓ The jacks comply in full to the dimensional limits of IEC 60603-7-41 (unshielded 500 MHz connectors) and IEC 60603-7-51 (shielded 500 MHz connectors), making them physically compatible with all standard blank panels and wall-outlets.
- ✓ The jacks comply in full to the requirements of TIA/EIA-568-B.2-7: *Reliability Requirements for Connecting Hardware used in Balanced Twisted-Pair Cabling* proving highly reliable components.



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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