

EC CablingNews

Newsletter

By Erik Bech – June 2008

Category 6A connecting hardware testing

EC Cabling has in the last year been working on testing of connecting hardware according to the new Category 6A requirements. We have informed on our progress in two Technical Notes, July 2007 and February 2008.

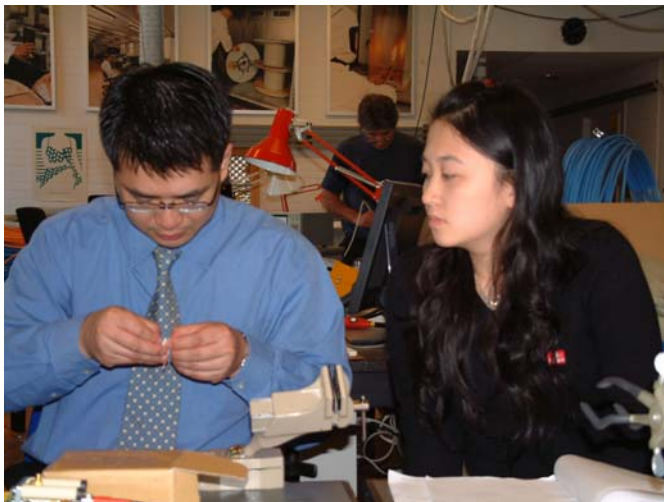
In short we have invested in the newest standardised test fixtures and developed our own test software for fast and safe testing.

We have now performed the first tests for customers, which have been pre-testing on development samples and tests on production samples. During this cooperation with our customers we have mutually improved our capability in this test method and been able to compare test results.

EC Cabling offers an education program, where our customers learn how to test Category 6A connecting hardware during a two days hand on course. In the course all relevant transmission parameters are measured and work sheets for performing the calculations are handed out.

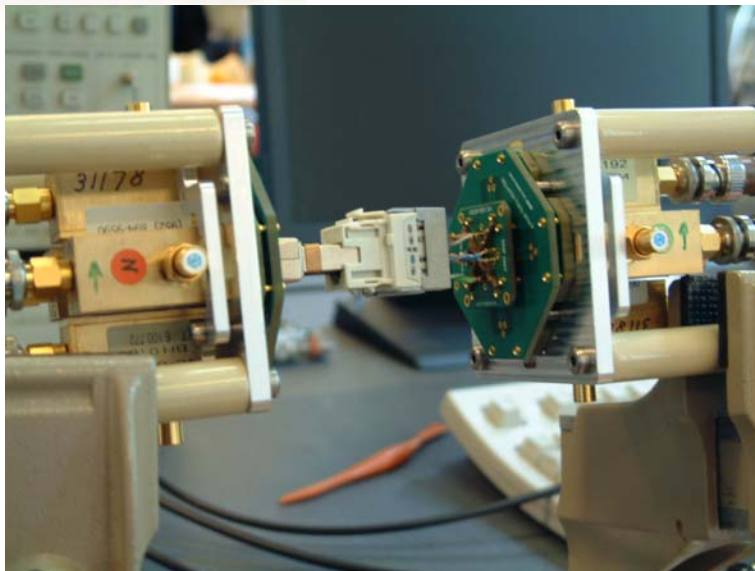
EC Cabling has in May issued the first certificate for an EC VERIFIED Category 6A connector. The first company to receive this certificate was ADC KRONE. In order to get products EC VERIFIED, the customer must supply 10 production samples for testing. On samples of these components all the specified transmission parameters are measured and the results are validated against the requirements. If the samples pass the requirements, a certificate is issued and a thorough technical report is written. In addition the approved components are listed on our web-site. Information on EC VERIFIED components may be found on our web-site www.delta.dk/cable.

The pictures show scenarios from our Category 6A education and testing.

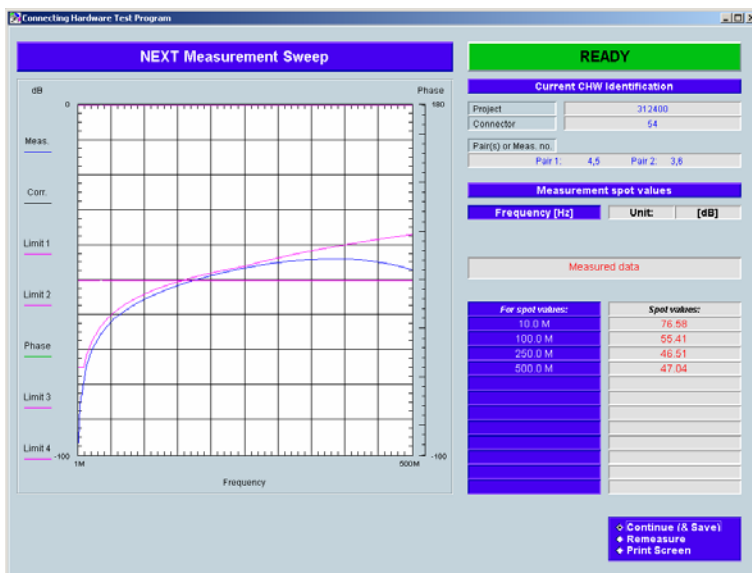


Engineers from Jyh-Eng participating in a Category 6A course at EC Cabling.





Transmission testing using the "SALSA" test plug.



Calculated NEXT for case 4 as it appears on the EC Cabling test program.

