



Convincing cabling solutions

Fluke Networks Europe  
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Dear Mr. Schillab,

please feel free to share this information with your customers.

### **DTX 1800 Test equipment**

Since 2002, the new universal cabling standards EN 50173-1, ISO/IEC 11801 and EIA/TIA 568B2.1 came out. One of the big changes was the testing of the connecting hardware. The plugs must be in the de-embedded range to fulfill the requirement of interoperability and backward compatibility. The Study group on 10GBASE-T started beginning of that year, so that new techniques in measurement and field testing at higher frequencies will be required

As manufacturer of high quality R&M freenet systems, we certified our Cat. 6 Jacks and Channels with the de-embedded method up to 600MHz and therefore need Permanent Link Adapters and testers which fulfills those requirements.

The received feedback from the customers with the PM06 and the DSP 4xxx, and also the testresults where always in the range R&M expected.

R&M had the chance, to test the first new testequipment DTX 1800 from Fluke. Our internal tests showed that the results with the DTX 1800 and our R&M freenet Classic and R&M freenet Star System where at an even better Level, compared to the Network Analyzer, than the DSP 4xxx.

R&M will use the Fluke Networks Personality Module PM06 in conjunction with the new Fluke DTX 1800 Series for testing of the R&M freenet CLASSIC and STAR System. Those systems contain high quality and performing Cat. 5: 2002 and Cat. 6 components, which complies with the generic approach of the standard.

Please update Fluke Networks website, Technical Support Personnel and the knowledge base to reflect the R&M approved test equipments.

Yours sincerely,

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Manager development and testlab

