



IDEAL INDUSTRIES Networks  
z. Hd. Herrn Hüdepohl  
Gutenbergstraße 10

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GERMANY

Neuss, 27.09.2016

**Approval of LANTEK III Series cable certifiers for the certification of the 3M RJ45 Components.**

Dear Mr. Hüdepohl

We are pleased to confirm that the IDEAL INDUSTRIES LANTEK III Series cable certifiers are approved for Class E, Class E<sub>A</sub>, CAT6, CAT6<sub>A</sub>, certification measurements for 3M RJ45 Components, according to ISO/IEC 11801 Ed.2.2, EN 50173-1 and TIA/EIA-568-C standards.

Matching comparison measurements between our laboratory network analyzers and the LANTEK III Series cable certifiers are the basis for this approval.

The LANTEK III Series cable certifiers must be operated with latest available firmware versions.

The approval is valid for the following cabling components and tester models:

Cabling Components	Standard and Measurement Mode	Equipment
3M RJ45 CAT6 HW	"CAT6", "ISO E", Permanent or Channel	LanTEKIII 500, LanTEKIII 1000
3M RJ45 CAT6 <sub>A</sub> HW	"CAT6 <sub>A</sub> ", ISO E <sub>A</sub> " Permanent and Channel	LanTEKIII 500, LanTEKIII 1000

Depending on the cabling system, the following accessories have to be used:

Manufacturer Cabling System	Test Standard	Measurement Mode	Adapter	Patch Cord
"3M"	"CAT6" "ISO E" "En50173-E"	Permanent	Permanent Link Adaptor (PN: R161051)	n/a
		Channel	Category 6A High Performance RJ45 Adaptor (PN: R161053)	Part number 6ASFL-L2
"3M"	"CAT6 <sub>A</sub> " "ISO E <sub>A</sub> " "En50173-E <sub>A</sub> "	Permanent	Permanent Link Adaptor (PN: R161051)	n/a
		Channel	Category 6A High Performance RJ45 Adaptor (PN: R161053)	Part number 6ASFL-L2

Yours Sincerely,

**Udo Seidel** | Technical Manager – TCOE Copper  
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