



IDEAL INDUSTRIES Networks  
1375 Park Avenue  
Sycamore, IL 60178

Approval of LANTEK III Series cable certifiers for the certification of the Panduit cabling.

Dear Mr. Payerle

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, CAT6A, certification measurements on Panduit cabling systems, according to ISO/IEC 11801 Amd. 2, EN 50173-1 and TIA/EIA-568-C Standards.

Matching comparison measurements between our laboratory network analyzer 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 and components	Standard and Measurement Mode	Equipment
RJ45 Category/Class designation acc. to component datasheet	Cat 5e, Class D (100 MHz) Permanent and Channel	LanTEKIII 500, LanTEKIII 1000
RJ45 Category/Class designation acc. to component datasheet	Cat 6, Class E (250 MHz) Permanent and Channel	LanTEKIII 500, LanTEKIII 1000
RJ45 Category/Class designation acc. to component datasheet	Cat 6A, Class E <sub>A</sub> (500 MHz) Permanent and Channel	LanTEKIII 500, LanTEKIII 1000

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

Cabling and components	Test Standard	Measurement Mode	Adapter	Patch Cord
RJ45 Category/Class designation acc. to component datasheet	Cat 5e, Class D Cat 6, Class E Cat 6A, Class E <sub>A</sub>	Permanent	Permanent Link Adapter (PN: R161051)	n/a
		Channel	Category 6A High Performance RJ45 Adapter (PN: R161053)	n/a

Sincerely,

*Michael Bergman*

Enterprise Lab Manager