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# LEONI

2015, Nov. 12th

IDEAL INDUSTRIES Networks  
 z. Hd. Herrn Hüdepohl  
 Gutenbergstraße 10

D – 85737 Ismaning  
 GERMANY

**Approval of LANTEK III Series cable certifiers for the certification of the LEONI MegaLine® systems.**

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 LEONI Kerpen, according to ISO/IEC 11801 Amd. 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 systems and tester models:

Cabling systems	Standard and Measurement Mode	Equipment
MegaLine Connect45 / 100	"CAT6", "ISO E", Permanent or Channel	LanTEKIII 500, LanTEKIII 1000
MegaLine Connect45 / 100	"CAT6A", ISO E <sub>A</sub> " Permanent and Channel	LanTEKIII 500, LanTEKIII 1000
MegaLine Connect100	"CAT7A", ISO F <sub>A</sub> " Permanent and Channel	LanTEKIII 1000

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

Manufacturer Cabling System	Test Standard	Measurement Mode	Adapter	Patch Cord
"RJ45"	"CAT6" "ISO E" "En50173-E"	Permanent	Permanent Link Adaptor (PN: R161051)	n/a
		Channel	Category 6A High Performance RJ45 Adaptor (PN: R161053)	Part number LKD9AA230230000
"RJ45"	"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 LKD9AA230230000
"TERA"	"ISO F <sub>A</sub> " "En50173-F <sub>A</sub> "	Permanent or Channel	TERA High Performance Adaptor (PN:R161054)	Part number LKD9AA400330000

Yours Sincerely,

