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 5212 Hausen (AG)
 Switzerland

05 Sept. 2012



z. Hd. Herrn Hüdepohl /Hr.Boy
 Gutenbergstraße 10

D – 85737 Ismaning

Approval of LANTEK I and II Series cable certifiers for the certification of the Fumo Communications Silverlink systems.

Dear Mr. Hüdepohl,

We are pleased to confirm that the IDEAL INDUSTRIES LANTEK I and II Series cable certifiers are approved for Class E, Class E_A, CAT6, CAT6_A, certification measurements on Fumo Communications Silverlink systems, according to ISO/IEC 11801 Amd. 2, EN 50173-1:2011 and TIA/EIA-568-B-2-10 standards.

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

The LANTEK I and II Series cable certifiers must be operated with latest available firmware versions.

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

Test Standard	Measurement Mode	Equipment
“CAT6”, “ISO E”	Permanent and Channel	LANTEK 6, LANTEK 6A and LANTEK 7G, LanTEKII 350, LanTEKII 500, LanTEKII 1000
“CAT6A”, ISO E _A ”	Permanent and Channel	LANTEK 6A and LANTEK 7G, LanTEKII 500, LanTEKII 1000
“CAT7A”, ISO F _A ”	Permanent and Channel	LANTEK 7G and LanTEKII 1000

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

Manufacturer Cabling System	Test Standard	Measurement Mode	Adapter	Patch Cord
“Silverlink”	“CAT6” “ISO E” “En50173-E”	Permanent and Channel	Category 6A High Performance RJ45 Adapter (PN 0012-00-0656 P) or Cat 6 Universal Adapter (PN 0012-00-0629)	Part number SL-PT-RJ45/RJ45-C6UTP SL-PT-RJ45/RJ45-C6STP
“Silverlink”	“CAT6A” “ISO E _A ”	Permanent and Channel	Category 6A High Performance RJ45 Adapter (PN 0012-00-0656 P)	Part number SL-PT-RJ45/RJ45-C6aUTP SL-PT-RJ45/RJ45-C6aSTP

"Silverlink"	"ISO F _A "	Permanent and Channel	Category 7A High Performance TERA Adapter (PN 0012-00-0655 P)	Part number SL-PT-FX/FX- C7aSTP
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Yours Sincerely,
Herbert Kirchbeck