

Telegärtner Karl Gärtner GmbH
Marcel Leonhard
Lerchenstraße 35

D- 71144 Steinenbronn
Germany

12.03.2014



c/o Mr. Hüdepohl / Mr. Boy
Gutenbergstraße 10

D – 85737 Ismaning

Approval of cable certifier series LANTEK I (6/6A/7G) and LANTEK II (350/500/1000) for the certification of Telegärtner DataVoice cabling systems.

Dear Mr. Hüdepohl, dear Mr. Boy!

We are pleased to confirm that the IDEAL Industries cable certifiers LANTEK I and LANTEK II are approved for certification measurements of Telegärtner DataVoice cabling systems of Class D, Class D, Class E_A according to ISO/IEC 11801 Edition 2.2 (2011-06), EN 50173-1 (2011-09) respectively. CAT5E, CAT6, CAT6A according to TIA/EIA-568-C.2.

Matching comparison measurements between our laboratory network analyzers and the LANTEK I and LANTEK II series form the base for this approval.

For the purpose of on-site cabling system certification, the LANTEK I and LANTEK II must be operated with latest available firmware version. Matching adapters for measurements must be used.

Testing standard	Measurement method	Equipment
"ISO/IEC 11801/ EN 50173-1 Class D", ANSI/TIA/EIA-T568-C.2 "CAT5E"	Permanent Link or Channel	LANTEK 6, LANTEK 6A, LANTEK 7G, LanTEKII 350, LanTEKII 500, LanTEKII 1000
"ISO/IEC 11801/ EN 50173-1 Class E", ANSI/TIA/EIA-T568-C.2 "CAT6"	Permanent Link or Channel	LANTEK 6, LANTEK 6A, LANTEK 7G, LanTEKII 350, LanTEKII 500, LanTEKII 1000
"ISO/IEC 11801/ EN 50173-1 Class E _A ", ANSI/TIA/EIA-T568-C.2 "CAT6A"	Permanent Link or Channel	LANTEK 6A, LANTEK 7G, LanTEKII 500, LanTEKII 1000

The approval is granted and valid for the following Telegärtner DataVoice cabling systems

Telegärtner DataVoice systems	
AMJ-series	Cable types
UMJ-series	UMJ 300
STX-series	UMJ 500
AMJ45-series	AMJ 300
UMJ45-series	AMJ 500
MPP-series	AMJ 900
MPD-series	AMJ 1000
TOC-series	AMJ 1300
VM-series	STX 900
MFP8-series	TOC 900
UFP8-series	PROFINET

Depending on the cabling systems performance level, corresponding test equipment adapters must be used

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Best regards



per pro Marcel Leonhard