



Certificate

Customer: Telegärtner Karl Gärtner GmbH
Lerchenstr. 35
D-71144 Steinenbronn

Description: Data Cable: Telegärtner
90m AMJ 500 U/FTP Cat.6A FRNC simplex/duplex

Module: Telegärtner
AMJ-Module K Cat.6A T568 A/B

Applied standards: 1st FPDAM 2 to ISO/IEC 11801
Amendment 2 (2008-11):
Information technology – Generic cabling for customer premises

TIA/EIA-568-B.2-10 (2008-04)
Transmission performance specifications for 4-pair 100 Ω
augmented category 6 cabling (Category 6A)

Results: Up to a bandwidth of **500MHz** the sample, a **Permanent Link with the length of 90m**, meet the **Class E_A** limits of the specified standards and regulations.

PS ANEXT and PS AACR-F met by design for Class E_A, because the result of the Coupling Attenuation is better than 50 dB at 30 MHz < f < 100 MHz and 90 -20*log(f) dB at 100 MHz < f < 1.000 MHz. The test results which were determined in the course of the measurement refer to the submitted specimen. Any future technical modifications of the data cables or connectors are subject to the responsibility of the manufacturer.

This Certificate refers to the comprehensive test report, **no. P2051a-09-E, from April 21st 2009** and shall only be applicable in conjunction with the test report.

Bexbach, April 21st 2009

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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