# Certificate

**Customer:**

Tyco Electronics AMP GmbH
Ampèrestr. 7-11

D-63225 Langen

**Description:**

Keystone:

**TYCO AMP NETCONNECT**
**AMP-TWIST-6$_A$S SL Jack**

Part-no.: 0-1711592-1; 0-1711716-1

Data Cable: 85m

**TYCO AMP NETCONNECT System Cable**
**AWG 23/1 PR04 CAT7 S/FTP**
**LSFRZH PIMF600 SOLID**

Part-no.: 0-0057893-1; 0-1711005-1

CP-Cord: 5m

**TYCO AMP NETCONNECT System Cable**
**AWG 23/1 PR04 CAT7 F/FTP**
**LSFRZH PIMF600 SOLID**

Side A: RJ45-plug; Side B: RJ45-module

Part-no.: 0-1711825-X

**Applied standards:**

2nd FPDAM 2 to ISO/IEC 11801 Amendment 2 (2009-04):
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. P2085a-09-E, from August 21st 2009** and shall only be applicable in conjunction with the test report.

Bexbach, August 21st 2009

Dirk Wilhelm, engineer
(Chairman of the Managing Board)

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