



Certificate

Customer: Tyco Electronics AMP España, S.A.
c/Muntaner, 249
E- 08021 Barcelona

Description:

Keystone:	TYCO AMP NETCONNECT AMP-TWIST-6S SL Jack Part-no.: 0-1711160-1; 0-1711342-1; 0-1711295-1; 0-1711343-1
Data Cable: 85m	TYCO AMP NETCONNECT System Cable AWG 23/1 PR04 CAT7 LSFRZH PIMF600 SOLID Part-no.: 0-0057893-1; 0-1711005-1
Patchcord: 2x2m	TYCO AMP NETCONNECT AWG 26 PR04 CAT7 LSZH S/FTP PIMF600 STRANDED Part-no.: Y-0959385-X
CP-Cord: 2x5m	TYCO AMP NETCONNECT AWG 26 PR04 CAT7 LSZH S/FTP PIMF600 STRANDED Side A: RJ45-plug; Side B: RJ45-module Part-no.: Y-1711420-X

Applied standards: ISO/IEC 11801 Amendment 1 (2008-04)
Information technology – Generic cabling for customer premises

ANSI/TIA-568-B.2-10 (2008-03)
Transmission performance specifications for 4-pair 100 Ω Augmented category 6 cabling

ANSI/TIA-TSB-155 (2007-03)
Additional guidelines for 4-pair 100 Ω category 6 cabling for 10GBase-T

IEEE 802.3an TM-2006
Local and Metropolitan Area Networks (10 GBASE-T)

Results: Up to a bandwidth of **500MHz** the sample, a **4-Connector-Channel**, 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. P2083a-09-E, from July 13th 2009** and shall only be applicable in conjunction with the test report.

Bexbach, July 13th 2009

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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