



Certificate

Customer: FICONET systems GmbH
Mittlerer Ring 7
D-08233 Treuen

Description:

Modular Jack:	eLANTIX® RJ45 Cat.6A module screened Part-No.: EX-MJC6AS
Data Cable 90m	eLANTIX® Premium Cat.7 S/FTP 4x2xAWG23 Part-No.: EX-23SF7
Patchcord: 2x5m	eLANTIX® RJ45 S/FTP PIMF Premium Patchcord Cat.6A Part-No.: EX-R45C6A-5

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

ISO/IEC TR-24750 Assessment and mitigation of installed balanced cabling channels in order to support 10GBASE-T

ANSI/TIA-568-B.2-10 (2008-04)
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 **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. P1980a-08-E, from November 21st 2008** and shall only be applicable in conjunction with the test report.

Bexbach, November 21st 2008

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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