



Certificate

Customer: Corning Cable Systems GmbH & Co. KG
Austrasse 101
D-96460 Neustadt / Coburg

Description:

Module:	Corning S500 Module, Cat.6A, 1xRJ45 Part-no.: CAXASM-00104-C001, CAXBSM-00104-C001, CAXASM-00104-C002, CAXBSM-00104-C002	
Data Cable: 2x40m	Corning FutureCom S/FTP550/23s,4P, 2x4P, 3x4P Part-no.: CCXEDR-D0047-C003, CCXEDR-D0087-C003, CCXEDR-D0127-C003	
Patchcord: 3x2m	Corning FutureCom S/FTP flex/26, Cat.6A, 2xRJ45, 4P, xxxm Part-no.: CCAAGB-Gy002-Axxx-C0	y = colour, xxx = length
CP-Cord: 2x3m	Corning FutureCom S500 CP S/FTP flex/26, RJ45-S500, 4P, xxxm Side A: RJ45-Plug; Side B: RJ45-module Part-no.: CCAAGB-F1072-Axxx-C0	xxx = length

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

ISO/IEC TR-24750 (2007-07) Assessment and mitigation of installed
balanced cabling channels in order to support 10GBASE-T

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 **6-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. P2040a-09-E, from March 30th 2009** and shall only be applicable in conjunction with the test report.

Bexbach, March 30th 2009

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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