



Certificate

Customer:

Krugel Exim spol. s.r.o.
Rybníčná 38/H

SK-831 06 Bratislava

Description:

Modular Jack:

KELine 10Giga Keystone Jack RJ45, Cat.6, shielded
Part-No.: KEJ-C6A-S-01

Data Cable
90m

KELine 10Giga S-STP 4x2xAWG23
Cat.7 (900MHz) LSOH
Part-No.: KE900HS23

Patchcord:
2m + 3m

KELine 10Giga Patchcord S-STP LSOH
Part-No.: KEL-C6-S-xxx

CP-Cord:
2m + 3m

KELine 10Giga Patchcord S-STP LSOH
Side A: RJ45-Plug
Side B: 10Giga Keystone Jack

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 (2008-03)

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 Ea** limits of the specified standards and regulations.

PS ANEXT and PS AACR-F met by design for Class Ea, 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. P1666e-07-E, from October 21st 2008** and shall only be applicable in conjunction with the test report.

Bexbach, October 21st 2008

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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