



Certificate

Customer: INTELEK spol. s .r.o.
Vlarska 22
CZ-658 14 Brno

Description:

Module:	Solarix Category 6A Shielded Keystone Jack, Universal Wiring, T568A/B Part-no.: S XKJ-10G-STP-BK
Data Cable: 90m	Solarix Category 6A STP Installation Cable, LSOH Part-no.: S XKD-6A-STP-LSOH
Patchcord: 2x5m	Solarix Category 6A S-STP Patch Cable, Grey Part-no.: C6A-315GY-5MB

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 **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. P2073b-09-E, from June 19th 2009** and shall only be applicable in conjunction with the test report.

Bexbach, June 19th 2009

Dirk Wilhelm, engineer
(Chairman of the Managing Board)



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