



# Certificate

<b>Customer:</b>	Fischer-J.W. Zander GmbH & Co. KG Rötelstraße 38 D-74172 Neckarsulm	
<b>Description:</b>	Panel	<b>ZA-TEC Panel</b> Part-No.: 9006945 <b>with ZA-TEC Cat.6a Modul</b> Part-No.: 9006949
	Outlet	<b>ZA-TEC Outlet</b> Part-No.: 9006936
	Data Cable 90m	<b>ZA-TEC Data Cable SS23 Cat.7 S/FTP</b> Part-No.: 9061788; 9005712
	Patch Cord 2x 5m	<b>ZA-TEC Patch Cord 5m</b> Part-No.: 9007286
<b>Applied standards:</b>	TIA/EIA-568-B.2-10:2008-04 Transmission performance specifications for 4-pair 100 Ω augmented category 6 cabling (Category 6A)  ISO/IEC 11801 Amendment 1:2008-04 Information technology – Generic cabling for customer premises  EN 50173-1:2007-12 Information technology – Generic cabling systems – Part 1: General requirements	
<b>Results:</b>	Up to a bandwidth of <b>500MHz</b> the sample, a <b>2-Connector-Channel with the length of 100m</b> , meet the <b>Class E<sub>A</sub></b> limits of the specified standards and regulations.	

**PS ANEXT and PS AACR-F met by design for Class E<sub>A</sub>, 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. P2031b-09-D, from April 17<sup>th</sup> 2009** and shall only be applicable in conjunction with the test report.

Bexbach, April 17<sup>th</sup> 2009

Dirk Wilhelm, engineer  
(Chairman of the Managing Board)



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