



# Certificate

**Customer:**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 16  
D-32758 Detmold, Germany

**Description:**

Modular Jack                   **Weidmüller IE-BI-RJ45-FJ-AB**  
Part-No.: 1962850000  
as well as:  
**Weidmüller IE-BI-RJ45-FJ-B**, Part-No.: 1963840000  
**Weidmüller IE-BI-RJ45-FJ-P**, Part-No.: 1963830000

Coupler                       **Weidmüller IE-BI-RJ45-C**  
Part-No.: 1962840000

Data Cable  
(1x 60m)                   **Weidmüller Cat.7 S/FTP IE-7IC**  
**4x2xAWG23/1-PUR 02YSC11Y PIMF**  
Part-No.: 8813140000

Patchcord  
(2x 5m, 2x 10m)           **Weidmüller Cat.7 S/FTP IE-7IC**  
**4x2xAWG26/7-PUR 02YSC11Y PIMF**  
Part-No.: 8813140000

RJ45-plug                   **Weidmüller IE-PS-RJ45-TH-BK**  
Part-No.: 1963590000  
as well as:  
**Weidmüller IE-PM-RJ45-TH**, Part-No.: 1963580000  
**Weidmüller IE-PI-RJ45-TH**, Part-No.: 1962720000

RJ45-field plug           **Weidmüller IE-PS-RJ45-FH-BK**  
Part-No.: 1963600000  
as well as:  
**Weidmüller IE-PI-RJ45-FH**, Part-No.: 1962730000

**Applied standards:**

TIA/EIA-568-B.2-10 (Draft 7.0)  
Transmission performance specifications for 4-pair 100 Ω  
augmented category 6 cabling (Category 6A)  
ISO/IEC 11801 Amendment 1 JTC 1/SC N1255  
Information technology – Generic cabling for customer premises

**Results:**

Up to a bandwidth of **500MHz** the sample, a **4-Connector-Channel (90m)**, meet the limits of the specified standards and regulations.

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. P1755b-07-E**, from **August 13<sup>th</sup> 2007** and shall only be applicable in conjunction with the test report.

Bexbach, August 13<sup>th</sup> 2007

Dirk Wilhelm, engineer  
(Chairman of the Managing Board)



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