

# Test report

<b>Title</b> Link-Perform. UAE-DAT 300 / TELDOR Gigador Jr.	<b>Report no.</b> M970730A	<b>Date</b> 09/10/97
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**Test:** Link - Performance according to EIA / TIA 568  
(Commercial Building Telecommunications Cabling Standard)

**Test samples:** Normative cabling link for the interconnection of data communication hardware according to the regulations of the generic premises cabling.

**Patch panel:** BTR UAE-DAT 300 18x8 Kat.5  
P/N: 130 888-E

**Wall outlet:** BTR UAE-DAT 300 8/8(8)  
P/N: 130 778 402

**Horizontal cable:** TELDOR Gigador Jr. HFFR 4x2x23# S/STP 600 MHz  
TELDOR - P/N: 9928654103

**Patch cable:** TELDOR Gigapatch HFFR 2x2x26# 600 MHz S/STP  
TELDOR - P/N: 9928225108

## Results of test

Measurement of rf-transmission characteristics for the link performance specification.  
Following parameters are measured:

- 1.) DC-loop resistance
- 2.) Return loss
- 3.) Transmission attenuation (TDX)
- 4.) Near end crosstalk (NEXT)
- 5.) Calculation of attenuation to crosstalk ratio (ACR)

## Summary

The requirements for class D-cabling systems are exceeded for any pair combination. The limits for Class E cabling are not reached for any pair combination. The regulations of class E cabling link are not applicable to the test sample, because the link specification according to draft DIN 44312-5 doesn't include any patch cables.

## Remarks

Testspecification: Link-Performance class D according to EIA/TIA 568  
Link-Performance class E according to draft DIN 44312-5

**Laboratory:** BTR A. Metz, Entwicklung Telecom-Datentechnik

**Test period:** July 27.-30., 1997

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## Approval

## Test executive

D. Jaag, development manager.....

Sign / Date *D. Jaag* 16.09.97

U. Mußler, test engineer.....

Sign / Date *U. Mußler* 15.09.97