

Test report

Title	Report no.	Date
Link-Perform. UAE-DAT 300 / TELDOR Gigador Jr.	M970730B	09/11/97

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: no patch cable used

Results of test

Measurement of rf-transmission characteristics for link performance.

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 reached for pair combination (1,2)(7,8) up to a frequency of 300 MHz.

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, Development Telecom-Datentechnik

Test period: July 27.-30., 1997

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