

Test report

Title	Report no.	Date
Link-Perf. UAE-DAT 300 / TELDOR Megador Jr.	M970730D	09/12/97

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 Megador Jr. HFFR 4x2x23# S/STO 300 MHz
TELDOR-P/N: 9828654107

Patch cable: no patch cable used

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 satisfied for any pair combination.

For class E the limits 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

Test period: July 29. - Aug 04., 1997

Laboratory: BTR A. Metz, Development Telecom-Datentechnik

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