INTERNATIONAL STANDARD ISO/IEC 11801:1995
TECHNICAL CORRIGENDUM 1

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Information technology — Generic cabling for customer premises

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Câblage générique des locaux d'utilisateurs

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO/IEC 11801:1995 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 25, *Interconnection of information technology equipment*.

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Subclause 6.1.3

Replace the NOTE by the following:

NOTE - See 9.2.5, 9.3.5 and 9.4.4 for TO requirements that correspond to each of the cables listed above.

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Subclause 7.1.2

Replace the last paragraph by the following:

Table 2 relates the link classes to the categories of clauses 8 and 9. This table indicates the channel length over which the various applications may be supported.

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Subclause 7.2.2

Replace table 3 by the following:

Table 3 - Minimum return loss at each cabling interface

Frequency MHz	Minimum return loss dB	
	Class C	Class D
1 ≤ f < 10	18 (f.f.s.)	18 (f.f.s.)
10 ≤ f < 16	15 (f.f.s.)	15 (f.f.s.)
16 ≤ f < 20	N/A	15 (f.f.s.)
20 ≤ f ≤ 100	N/A	10 (f.f.s.)

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Subclause 7.2.8

Replace table 9 by the following:

Table 9 - Longitudinal to differential conversion loss

Frequency MHz	Minimum longitudinal to differential conversion loss dB			
	Class A	Class B	Class C	Class D
0,1	30	45	35	40
1,0	N/A	20	30	40
4,0	N/A	N/A	f.f.s.	f.f.s.
10,0	N/A	N/A	25	30
16,0	N/A	N/A	f.f.s.	f.f.s.
20,0	N/A	N/A	~~f.f.s.~~ N/A	f.f.s.
100,0	N/A	N/A	N/A	f.f.s.

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Subclause 9.1.6

Replace item a) by the following:

a) minimal signal impairment and maximum shield effectiveness (where shielded cabling is used) by proper cable preparation, termination practices (in accordance with manufacturer's guidelines) and well organised cable management;

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Table G.2

Replace table G.2 by the following:

Table G.2 - Pairs and minimum performance requirements for emerging applications

Local Area network applications					
100BASE-T	100BASE-T	100BASE-T	DPAM	DPAM	DPAM
-TX	-T2	-T4	-4UTP	-2STP	-2UTP
2 pairs	2 pairs	4 pairs	4 pairs	2 pairs	2 pairs
category 5 or 150 Ohm	category 3	category 3	category 3	150 Ohm	category 5

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Table G.4

Replace table G.4 by the following:

Table G.4 - Application standards and balanced cabling

	Balanced cabling per clauses 6, 8 and 9						Performance based cabling per clause 7											
							Class A			Class B			Class C			Class D		
	Cat. 3 100	Cat. 4 100	Cat. 5 100	Cat. 3 120	Cat. 4 120	Cat. 5 120	100	120	150	100	120	150	100	120	150	100	120	150
POTS/PBX	I	I	I	I	I	I	I	I		I	I		I	I		I	I	
X.21/V.11	I	I	I	I	I	I				I	I		I	I		I	I	
S_0-Bus ISDN basic rate	N	N	N	N	N	N				N	N		N	N		N	N	
S_0-Pt - Pt ISDN basic rate	N	N	N	N	N	N				N	N		N	N		N	N	
S_1 ISDN ~~primay~~ **primary** rate 1,5 Mbit/s	N	N	N							N			N			N		
S_1 ISDN ~~primay~~ **primary** rate 2 Mbit/s				N	N	N					N			N			N	
8802-3: 1BASE5	N	N	N										N			N		
8802-3: 10BASE-T[1)]	N	N	N	I	I	I							N	I		N	I	
8802-5: 4 Mbit/s	N	N	N	I	I	I	N						N	I	N	N	I	N
8802-5: 16 Mbit/s		N	N		I	I	N								N	N	I	N
FDDI TP-PMD			(N)				(N)									(N)		(N)
ATM (TP)																		

"N" denotes normative support of the media in the standard.
"I" denotes that there is information in the International Standard regarding operation on this media.
( ) International Standard has not completed approval process.
1) In addition to this standard, ISO/IEC 8802-3 10BASE-T requires the minimum velocity of propagation at 0.585c.