



INTERNATIONAL STANDARD ISO/IEC 11801:1995
TECHNICAL CORRIGENDUM 2

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Information technology — Generic cabling for customer premises

TECHNICAL CORRIGENDUM 2

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

RECTIFICATIF TECHNIQUE 2

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(standards.iteh.ai)

[ISO/IEC 11801:1995/Cor 2:1997](https://standards.iteh.ai/catalog/standards/sist/5db42178-52d0-4373-937d-ab918d30daf3/iso-iec-11801-1995-cor-2-1997)

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Page 15

Subclause 5.5.3

Replace paragraph 3 by the following:

A minimum of one TO served by 100 Ω or 120 Ω cable shall be provided at each work area¹⁾ (100 Ω preferred). Other TOs shall be supported by either balanced cable or by fibre optical cable. In the horizontal cabling, at least one TO shall be configured as specified in item b of 6.1.3 (balanced or optical fibre cable) or at least one TO shall be served by either class D or optical class, as identified in 7.1.1. When a TO is supported by balanced cable, 2 pairs²⁾ or 4 pairs shall be provided at each TO; all pairs shall be terminated. If less than four pairs are provided, the outlet shall be clearly marked³⁾. Emerging balanced cable applications may be limited by differential delay of pairs that serve a single telecommunications outlet. See clause 9 for TO specifications that correspond to each of the cables listed above.

ICS 35.200

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Page 25

Subclause 7.2

Replace by the following:

The parameters specified in this subclause apply to cabling links with shielded or unshielded cable elements, with or without an overall shield, unless explicitly stated otherwise. Unless stated otherwise, outline test configurations for all measurements on balanced cabling are given in annex A. Specialised test instruments are required for high frequency field measurements on balanced cabling. The maximum application frequencies are based on required link characteristics, and are not indicated by the maximum specified frequency for the cabling. In the following tables, the requirements for attenuation, NEXT loss and ACR are given for discrete frequencies only. Transmission requirements shall also be met for all intermediate frequencies. Requirements at intermediate frequencies are derived by linear interpolation between two specified frequencies on a semi-logarithmic (NEXT loss and ACR) or logarithmic (attenuation) scale.

Page 32

Clause 8

(NEW BUT needed for consistency with correction on Page 25)

Replace paragraph 4 by the following:

In the following tables, the requirements for attenuation, NEXT loss and ACR are given for discrete frequencies only. Transmission requirements shall also be met for all intermediate frequencies. Requirements at intermediate frequencies are derived by linear interpolation between two specified frequencies on a semi-logarithmic (NEXT loss and ACR) or logarithmic (attenuation) scale.

Page 39

Subclause 8.3.2

Replace NOTE by the following:

[ISO/IEC 11801:1995/Cor 2:1997](https://standards.iteh.ai/catalog/standards/sist/5db42178-52d0-4373-937d-ab918d30daf3/iso-iec-11801-1995-cor-2-1997)

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Note - The above equation is intended to minimise potential for sheath sharing incompatibilities. In that case, a maximum power budget between maximum power of the different supported applications of 6 dB is taken into account. Cables that meet the power summation requirement for NEXT loss may not support services with different schemes. The use of different applications, supported by metallic cabling, with a maximum power budget exceeding 6 dB is not assured within a common sheath .