

INTERNATIONAL STANDARD

ISO/IEC 14709-2

1998

AMENDMENT 1
2005-07

Amendment 1

**Information technology –
Configuration of customer premises
cabling (CPC) for applications –**

STANDARD PREVIEW

Part 2:

**Integrated services digital network (ISDN)
primary rate**

[ISO/IEC 14709-2:1998/Amd 1:2005](https://standards.iso.org/standards/catalog/standards/sist/9a375884-b09f-4fc8-8aab-d80eab4b3da5/iso-iec-14709-2-1998-amd-1-2005)

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PRICE CODE

C

For price, see current catalogue

FOREWORD

Amendment 1 to International Standard ISO/IEC 14709-2 was prepared by subcommittee 25: Interconnection of information technology equipment, of ISO/IEC joint technical committee 1: Information technology.

Page 3

FOREWORD – Sixth paragraph

Instead of:

The reader is referred to IEC 60950 for general safety requirements.

read:

The reader is referred to the IEC 60950 series for general safety requirements.

FOREWORD – Seventh paragraph

Instead of:

ISO/IEC 14709-1:1997

read:

ISO/IEC 14709-1

Delete footnotes 1) and 2) to all other references.

Page 5

2 Normative references

Update the normative references as follows:

Instead of:

ISO/IEC 11801:1995

ISO/IEC 14709-1:1997

CISPR 22:1997

CISPR 24:1997

Read:

ISO/IEC 11801:2002

ISO/IEC 14709-1:1997
Amendment 1:2004

CISPR 22:2005

CISPR 24:1997
Amendment 1:2001
Amendment 2:2002

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Page 6

3 Definitions

Replace the text of definition 3.1 by the following:

3.1 cable unit

single assembly of one or more cable elements of the same type or category

NOTE 1 The cable unit may have a screen.

NOTE 2 A binder group is an example of a cable unit.

[3.1.10 of ISO/IEC 11801:2002]

Replace the text of definition 3.2 by the following:

3.2 channel

end-to-end transmission path connecting any two pieces of application-specific equipment

NOTE Equipment and work area cords are included in the channel, but not the connecting hardware into the application-specific equipment.

[3.1.15 of ISO/IEC 11801:2002]

Add a new definition 3.3 and renumber the existing definition 3.3 as 3.4.

3.3 free cable connector

connector for attachment to the free end of a wire or cable

[IEV 581-06-12]

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Page 6

4.1 Abbreviations

Add to abbreviations:

CP consolidation point

TP transition point

Page 7

4.2 Symbols

Replace, in the last line, “Generic cabling plug” by “Free cable connector for generic cabling”.

Page 8

6 Point-to-point configurations

Figure 1

Replace, in the first part of Figure 1, the symbols for “Dedicated cabling socket” and “Dedicated cabling plug” by the symbols for “Generic cabling socket” and “Free cable connector for generic cabling” respectively.

Page 9

Second paragraph, first dash

Replace

...via a plug at the end of a cord connected to the TE;...

by

...via a free cable connector at the end of a cord connected to the TE;...

Page 10

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7.3 Connectors

Replace the existing text by the following:

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The socket used to connect the terminal equipment to the cabling shall be in accordance with IEC 60603-7.

Delete the word “plug” in the NOTE at the end of the subclause.

8.1 General

Replace the existing text of the third paragraph by the following:

The copper cable types supported by ISO/IEC 11801:2002 comprise 100 Ω and 120 Ω balanced cables. The first edition of ISO/IEC 11801:1995 specified 100 Ω, 120 Ω and 150 Ω balanced cables.

Page 11

Figure 2

Replace “TP” by “CP” in the dotted circle of Figure 2.

Key to Figure 2

*Add the item and footnote
CP Consolidation point¹⁾*

1) ISO/IEC 11801:1995 specified an optional TP, while ISO/IEC 11801:2002 specifies an optional CP.

8.2 Connection of ISDN primary access to generic cabling

Replace the first and second paragraphs by the following:

Figure 3a) shows a TE plugged directly into the generic cabling. Figure 3b) shows the use of a cord with different free cable connectors on each end to make the connection. Figure 3c) shows the use of a generic cabling adapter to provide ISDN primary access.

Such an adapter consists of

- a free cable connector which matches the telecommunications outlet of the generic cabling;
- an optional cord conforming to 8.3;
- an optional socket or free cable connector conforming to 7.3;
- an optional impedance matching device.

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