INTERNATIONAL STANDARD

ISO/IEC 14709-2

1998

AMENDMENT 1
2005-07

Amendment 1

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

Part 2: Integrated services digital network (ISDN) primary rate

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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.

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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.

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2 Normative references

Update the normative references as follows:

Instead of:	*Read:*
ISO/IEC 11801:1995	ISO/IEC 11801:2002
ISO/IEC 14709-1:1997	ISO/IEC 14709-1:1997 Amendment 1:2004
CISPR 22:1997	CISPR 22:2005
CISPR 24:1997	CISPR 24:1997 Amendment 1:2001 Amendment 2:2002

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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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4.1 Abbreviations

Add to abbreviations:

CP consolidation point

TP transition point

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4.2 Symbols

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

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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.*

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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;…

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7.3 Connectors

Replace the existing text by the following:

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.

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Figure 2

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

Key to Figure 2

Add the item and footnote
CP Consolidation point[1)]

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

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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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