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Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 – Part 2-23: Cord and work area cord category 7 – Blank detail specification

Systèmes de câblage générique – Spécification relative aux essais de câblages de télécommunications symétriques selon l'ISO/IEC 11801 – Partie 2-23: Cordons et cordons de zone de travail de catégorie 7 – Spécification particulière cadre



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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 33.120.10

ISBN 978-2-8322-2816-6

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**GENERIC CABLING SYSTEMS –
SPECIFICATION FOR THE TESTING OF BALANCED
COMMUNICATION CABLING IN ACCORDANCE WITH ISO/IEC 11801 –**

**Part 2-23: Cord and work area cord category 7 –
Blank detail specification**

FOREWORD

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International Standard IEC 61935-2-23 has been prepared by IEC technical committee 46: Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories.

The text of this standard is based on the following documents:

FDIS	Report on voting
46/556/FDIS	46/562/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61935 series, published under the general title *Generic cabling systems – Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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**GENERIC CABLING SYSTEMS –
SPECIFICATION FOR THE TESTING OF BALANCED
COMMUNICATION CABLING IN ACCORDANCE WITH ISO/IEC 11801 –**

**Part 2-23: Cord and work area cord category 7
Blank detail specification**

1 Scope

This part of IEC 61935, which is a blank detail specification, describes cords and work area cords category 7, as defined in ISO/IEC 11801 series.

According to the above cabling specifications, these cords are category 7 compliant for which the requirements are given in ISO/IEC 11801 series.

This specification should be used in conjunction with IEC 61935-2, IEC 61156-1 and IEC 61156-6 and IEC 60603-7-7. The blank detail specification determines the layout and style for detail specifications describing cords with transmission characteristics up to 600 MHz for digital communications. Detail specifications, based on the blank detail specification, may be prepared by a national organization, a manufacturer, or a user.

Test configuration applicable to cords is detailed in IEC 61935-2.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60603-7-7, *Connectors for electronic equipment – Part 7-7: Detail specification for 8-way, shielded, free and fixed connectors for data transmission with frequencies up to 600 MHz*

IEC 60794-1-22, *Optical fibre cables – Part 1-22: Generic specification – Basic optical cable test procedures – Environmental tests methods*

IEC 61156-1:2007, *Multicore and symmetrical pair/quad cables for digital communications – Part 1: Generic specification*

IEC 61156-5, *Multicore and symmetrical pair/quad cables for digital communications – Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal (or wiring) – Sectional specification*

IEC 61156-6:2010, *Multicore and symmetrical pair/quad cables for digital communications – Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Work area wiring – Sectional specification*

IEC 61156-6:2010/AMD1:2012

IEC 61935-2:2010, *Specification for the testing of balanced and coaxial information technology cabling – Part 2: Cords as specified in ISO/IEC 11801 and related standards*