IEC 61156-1

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Multicore and symmetrical pair/quad cables for digital communications – Part 1: Generic specification

Câbles multiconducteurs à paires symétriques et quartes pour transmissions numériques – Partie 1: Spécification générique

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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Part 1: Generic specification

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61156-1 has been prepared by subcommittee 46C: Wires and symmetric cables, of IEC technical committee 46: Cables, wires, waveguides, r.f. connectors, r.f. and microwave passive components and accessories.

The cables are classified in the study of generic cabling for information technology being produced by ISO/IEC JTC1/SC 25.

This third edition cancels and replaces the second edition published in 2002 and it includes its Corrigendum 1 (2004) This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) inclusion of definitions and test methods in support of the MICE table in ISO 24702;
b) inclusion of definitions and test methods in support of new cable categories 6_A and 7_A;
c) inclusion of definitions in support of PoEP.

This bilingual version, published in 2008-03, corresponds to the English version.

The text of this standard is based on the second edition, its Amendment 3 and on the following documents:

FDIS	Report on voting
46C/815/FDIS	46C/823/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.

The French version of this standard has not been voted upon.

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

The list of all the parts of the IEC 61156 series, under the general title *Multicore and symmetrical pair/quad cables for digital communication*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

The contents of the corrigendum of August 2015 have been included in this copy.