

INTERNATIONAL STANDARD

IEC
61156-6-1

Second edition
2007-06

**Multicore and symmetrical pair/quad
cables for digital communications –**

**Part 6-1:
Symmetrical pair/quad cables with
transmission characteristics up to 1 000 MHz –
Work area wiring – Blank detail specification**



Reference number
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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MULTICORE AND SYMMETRICAL PAIR/QUAD CABLES FOR DIGITAL COMMUNICATIONS –

Part 6-1: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz – Working area wiring – Blank detail specification

FOREWORD

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International Standard IEC 61156-6-1 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.

This second edition cancels and replaces the first edition published in 2002. This edition constitutes a technical revision.

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

- a) new requirements for new cables Cat6_A, Cat7_A for 10 GBase-T applications;
- b) revised requirements and tests for the cables.

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

FDIS	Report on voting
46C/819/FDIS	46C/827/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.

This specification is to be used in conjunction with IEC 61156-1 and IEC 61156-6.

A list of all parts of the IEC 61156 series, under the general title *Multicore and symmetrical pair/quad cables for digital communications*, 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- withdrawn;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.

A bilingual version of this publication may be issued at a later date.