INTERNATIONAL STANDARD

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Multicore and symmetrical pair/quad cables for digital communications –

Part 6-2: Symmetrical pair/quad cables with transmission characteristics up to 600 MHz – Work area wiring – Capability approval Sectional specification

Câbles multiconducteurs à paires symétriques et quartes pour transmissions numériques –

Partie 6-2: Câbles à paires symétriques et quartes avec caractéristiques de transmission allant jusqu'à 600 MHz – Raccordement de terminal – Agrément de savoir-faire Spécification intermédiaire

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MULTICORE AND SYMMETRICAL PAIR/QUAD CABLES FOR DIGITAL COMMUNICATIONS –

Part 6-2: Symmetrical pair/quad cables with transmission characteristics up to 600 MHz – Work area wiring – Capability Approval – Sectional specification

FOREWORD

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International Standard IEC 61156-6-2 has been prepared by subcommittee 46C: Wires and symmetric cables, of IEC technical committee 46: Cables, wires, waveguides, RF connectors and accessories for communication and signalling.

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

FDIS	Report on voting
46C/515/FDIS	46C/523/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.

The committee has decided that the contents of this publication will remain unchanged until 2006. At this date, the publication will be

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- withdrawn;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

MULTICORE AND SYMMETRICAL PAIR/QUAD CABLES FOR DIGITAL COMMUNICATIONS –

Part 6-2: Symmetrical pair/quad cables with transmission characteristics up to 600 MHz – Work area wiring – Capability Approval – Sectional specification

1 General

1.1 Scope

This part of IEC 61156 applies to Capability Approval requirements for cables intended to construct patch, equipment, and work area cords for digital communications in accordance with generic specification IEC 61156-1-1 and Clause 4 of the sectional specification IEC 61156-6.

Clause 2 refers to the content of the Capability Manual.

Clause 3 refers to the related quality layout.

Clause 4 is related to the maintenance of the Capability Approval.

NOTE Quality assessment belongs to the negotiation between customers and manufacturers. The following clauses are intended to be a guide when there is a request for a third-party Capability Approval. However, it may also be used as the basis for second-party or self-certification.

1.2 Normative references

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

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

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

IEC 61156-6, *Multicore and symmetrical pair/quad cables for digital communications – Part 6: Symmetrical pair/quad cables with transmission characteristics up to 600 MHz – Work area wiring – Sectional specification*