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Edition 2.0 2023-02

INTERNATIONAL STANDARD

Multicore and symmetrical pair/quad cables for digital communications – Part 7: Symmetrical pair cables with transmission characteristics up to 1 200 MHz – Sectional specification for digital and analogue communication cables

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FOREWORD

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IEC 61156-7 has been prepared by subcommittee 46C: Wires and symmetrical cables, of IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This part of IEC 61156 is to be read in conjunction with IEC 61156-1:2023.

This second edition cancels and replaces the first edition published in 2003 and Amendment 1:2012. This edition constitutes a technical revision.

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

a) restructure all text to comply with ISO/IEC Directives Part 2;

b) align clauses with IEC 61156-1:2023;

c) remove the clause related to screening attenuation as it is no longer a test to be performed (replaced by coupling attenuation);

d) replace the IEC 62153-4-2 method (injection clamp) with IEC 61156-4-5 (absorbing clamp) for coupling attenuation measurement to be consistent with all other parts of the IEC 61156 series;

e) include IEC 62153-4-9 test method (triaxial) for coupling attenuation measurement to be consistent with all other parts of the IEC 61156 series;

f) incorporate the blank detail specification.

The text of this International Standard is based on the following documents:

Draft	Report on voting
46C/1228/CDV	46C/1233/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 61156 series, published 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 document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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