

INTERNATIONAL STANDARD

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Consumer audio/video equipment digital interface with plastic optical fibre

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONSUMER AUDIO/VIDEO EQUIPMENT DIGITAL INTERFACE
WITH PLASTIC OPTICAL FIBRE**
FOREWORD

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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 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- withdrawn;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.

CONSUMER AUDIO/VIDEO EQUIPMENT DIGITAL INTERFACE WITH PLASTIC OPTICAL FIBRE

1 Scope

This International Standard specifies the principal electrical and optical parameters for a consumer audio/video equipment digital interface that uses plastic optical fibre (POF).

NOTE A description of the principal features of such an interface is given in Annex C.

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 60050-731, *International Electrotechnical Vocabulary (IEV) – Chapter 731: Optical fibre communication*

IEC 60793-2-40, *Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres*

IEC 60825-1, *Safety of laser products – Part 1: Equipment classification, requirements and user's guide*

IEC 60825-2, *Safety of laser products – Part 2: Safety of optical fibre communication systems*

IEC 61754-21, *Fibre optic connector interfaces – Part 21: Type SMI connector family for plastic optical fibre*¹

¹ To be published.