



SLOVENSKI STANDARD
oSIST prEN IEC 60794-1-107:2024
01-september-2024

Optični kabli - 1-107. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Mehanske preskusne metode - Torzija, metoda E7

Optical fibre cables - Part 1-107: Generic specification - Basic optical cable test procedures - Mechanical test methods - Torsion, Method E7

Câbles à fibres optiques - Partie 1-107: Spécification générique - Procédures fondamentales d'essais des câbles optiques - Méthodes d'essais mécaniques - Torsion, méthode e7

Ta slovenski standard je istoveten z: prEN IEC 60794-1-107:2024

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ICS:

19.060	Mehansko preskušanje	Mechanical testing
33.180.10	(Optična) vlakna in kabli	Fibres and cables

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86A/2464/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

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IEC SC 86A : FIBRES AND CABLES	
SECRETARIAT: France	SECRETARY: Mr Laurent Gasca
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING Attention IEC-CENELEC parallel voting The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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TITLE:

Optical fibre cables - Part 1-107: Generic specification - Basic optical cable test procedures - Mechanical test methods - Torsion, Method E7

PROPOSED STABILITY DATE: 2028

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

Part 1-107: Generic specification – Basic optical cable test procedures – Mechanical test methods – Torsion, Method E7

FOREWORD

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IEC 60794-1-107 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This document partially replaces IEC 60794-1-21:2015+AMD1:2020 CSV.

This edition includes the following significant technical changes with respect to IEC 60794-1-21:2015+AMD1:2020 CSV:

- a) this document cancels and replaces method E7 of IEC 60794-1-21:2015+AMD1:2020 CSV;
- b) update the typical test length according to different types of cables;
- c) update Figure 2 by loading weights to cable gripping fixture.

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

Draft	Report on voting
XX/XX/FDIS	XX/XX/RVD

53

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

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

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

61 A list of all parts in the IEC 60794 series, published under the general title *Optical fibre cables*,
62 can be found on the IEC website.

63 The committee has decided that the contents of this document will remain unchanged until the
64 stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to
65 the specific document. At this date, the document will be

- 66 • reconfirmed,
- 67 • withdrawn,
- 68 • replaced by a revised edition, or
- 69 • amended.

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