



SLOVENSKI STANDARD
SIST EN IEC 60794-1-101:2024

01-september-2024

Optični kabli - 1-101. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Mehanske preskusne metode - Natezno, metoda E1 (IEC 60794-1-101:2024)

Optical fibre cables - Part 1-101: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Tensile, method E1 (IEC 60794-1-101:2024)

Lichtwellenleiterkabel - Teil 1-101: Fachgrundspezifikation - Grundlegende Prüfverfahren für Lichtwellenleiterkabel - Mechanische Prüfverfahren - Zugversuch, Verfahren E1 (IEC 60794-1-101:2024)

Câbles à fibres optiques - Partie 1-101: Spécification générique - Procédures fondamentales d'essais des câbles optiques - Méthodes d'essai mécanique - Traction, méthode E1 (IEC 60794-1-101:2024)

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Ta slovenski standard je istoveten z: EN IEC 60794-1-101:2024

ICS:

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

SIST EN IEC 60794-1-101:2024 **en**

EUROPEAN STANDARD

EN IEC 60794-1-101

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2024

ICS 33.180.10

Supersedes EN 60794-1-21:2015 (partially)

English Version

**Optical fibre cables - Part 1-101: Generic specification - Basic
optical cable test procedures - Mechanical tests methods -
Tensile, method E1
(IEC 60794-1-101:2024)**

Câbles à fibres optiques - Partie 1-101: Spécification
générique - Procédures fondamentales d'essais des câbles
optiques - Méthodes d'essais mécaniques - Traction,
méthode E1
(IEC 60794-1-101:2024)

Lichtwellenleiterkabel - Teil 1-101: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Mechanische Prüfverfahren - Zug, Verfahren E1
(IEC 60794-1-101:2024)

This European Standard was approved by CENELEC on 2024-06-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60794-1-101:2024 (E)

European foreword

The text of document 86A/2359/CDV, future edition 1 of IEC 60794-1-101, prepared by SC 86A "Fibres and cables" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60794-1-101:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-03-19 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-06-19 document have to be withdrawn

This document partially supersedes EN 60794-1-21:2015 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60794-1-101:2024 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-22	-	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement	EN 60793-1-22	-
IEC 60793-1-46	-	Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in optical transmittance	EN 60793-1-46	-
IEC 60794-1-1	2023	Optical fibre cables - Part 1-1: Generic specification - General	EN IEC 60794-1-1	2023
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 60794-1-2	-

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