

STN	Optické káble Časť 1-110: Kmeňová špecifikácia Základné skúšobné postupy pre optické káble Mechanické skúšobné metódy Zlom, metóda E10	STN EN IEC 60794-1-110
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Optical fibre cables - Part 1-110: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Kink, Method E10

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/25

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English Version

Optical fibre cables - Part 1-110: Generic specification - Basic
optical cable test procedures - Mechanical tests methods - Kink,
Method E10
(IEC 60794-1-110:2025)

Câbles à fibres optiques - Partie 1-110: Spécification
généérique - Procédures fondamentales d'essais des câbles
optiques - Méthodes d'essais mécaniques - Pliure (effet de
paille), Méthode E10
(IEC 60794-1-110:2025)

Lichtwellenleiterkabel - Teil 1-110: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Mechanische Prüfverfahren - Knickung, Verfahren E10
(IEC 60794-1-110:2025)

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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 60794-1-110:2025 (E)**European foreword**

The text of document 86A/2436/CDV, future edition 1 of IEC 60794-1-110, 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 60794-1-110:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-10-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-10-31

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

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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 60794-1-1	-	Optical fibre cables - Part 1-1: Generic EN IEC 60794-1-1 specification - General		-
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic EN IEC 60794-1-2 specification - Basic optical cable test procedures - General guidance		-

**IEC 60794-1-110**

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INTERNATIONAL STANDARD

Optical fibre cables -**Part 1-110: Generic specification - Basic optical cable test procedures -
Mechanical tests methods - Kink, Method E10**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Optical fibre cables -
Part 1-110: Generic specification -
Basic optical cable test procedures -
Mechanical tests methods - Kink, Method E10**

FOREWORD

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IEC 60794-1-110 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition cancels and replaces Method E10 of the first edition of IEC 60794-1-21:2015, which will be withdrawn. This edition constitutes a technical revision.

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

- a) addition of "4.7";
- b) addition of "Annex A".

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

Draft	Report on voting
86A/2436/CDV	86A/2559/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.

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, or
- revised.

1 Scope

This part of IEC 60794 defines test procedures used to establishing uniform requirements for mechanical performance – kink. It applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.

IEC 60794-1-2 gives general requirements, definitions and a complete reference guide to test methods of all types.

2 Normative references

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.

IEC 60794-1-1, *Optical fibre cables - Part 1-1: Generic specification - General*

IEC 60794-1-2, *Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance*

koniec náhľadu – text d'alej pokračuje v platenej verzii STN