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**Optokablar –
Del 1-310: Artspecifikation –
Grundläggande provningsmetoder –
Testmetoder för kablars beståndsdelar –
Skalbarhet, metod G10**

*Optical fibre cables –
Part 1-310: Generic specification –
Basic optical cable test procedures –
Cable element test methods –
Strippability, method G10*

Som svensk standard gäller europastandarden EN IEC 60794-1-310:2022. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 60794-1-310:2022.

Nationellt förord

Europastandarden EN IEC 60794-1-310:2022

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60794-1-310, First edition, 2022 - Optical fibre cables - Part 1-310: Generic specification - Basic optical cable test procedures - Cable element test methods - Strippability, method G10**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden ersätter delvis tidigare fastställd svensk standard SS-EN IEC 60794-1-23, utg 2:2020.

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SEK Svensk Elstandard

Box 1284
164 29 Kista
Tel 08-444 14 00
www.elstandard.se

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60794-1-310

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English Version

Optical fibre cables - Part 1-310: Generic specification - Basic
optical cable test procedures - Cable element test methods -
Strippability, method G10
(IEC 60794-1-310:2022)

Câbles à fibres optiques - Partie 1-310: Spécification
généérique - Procédures fondamentales d'essai des câbles
optiques - Méthodes d'essai des éléments de câbles -
Dénudabilité, méthode G10
(IEC 60794-1-310:2022)

Lichtwellenleiterkabel - Teil 310: Fachgrundspezifikation -
Grundlegende Prüfverfahren für optische Kabel -
Kabelelement-Prüfverfahren - Abisolierbarkeit, Verfahren
G10
(IEC 60794-1-310:2022)

This European Standard was approved by CENELEC on 2022-05-31. 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.

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

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Ref. No. EN IEC 60794-1-310:2022 E

European foreword

The text of document 86A/2136/CDV, future edition 1 of IEC 60794-1-310, 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 60794-1-310:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2023-03-03 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2025-05-31 document have to be withdrawn

This document partially supersedes EN IEC 60794-1-23:2019 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 60794-1-310:2022 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60794-1-23:2019 NOTE Harmonized as EN IEC 60794-1-23:2019 (not modified)

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-32	2018	Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability	EN IEC 60793-1-32	2018
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 60794-1-2	-
IEC 60794-1-22	2017	Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN IEC 60794-1-22	2018



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibre cables –

Part 1-310: Generic specification – Basic optical cable test procedures – Cable element test methods – Strippability, method G10

Câbles à fibres optiques –

Partie 1-310: Spécification générique – Procédures fondamentales d'essai des câbles optiques – Méthodes d'essai des éléments de câbles – Dénudabilité, méthode G10

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –**Part 1-310: Generic specification – Basic optical cable test procedures –
Cable element test methods – Strippability, method G10****FOREWORD**

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IEC 60794-1-310 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This document partially cancels and replaces IEC 60794-1-23:2019.

This edition includes the following significant technical change with respect to IEC 60794-1-23:2019: inclusion of semi-tight buffer fibres in method G10C.

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

Draft	Report on voting
86A/2136/CDV	86A2186/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 60794 series, published under the general title *Optical fibre cables*, 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.

INTRODUCTION

This document contains method G10A, method G10B and method G10C of IEC 60794-1-23:2019, which will be withdrawn. The system for optical fibre test methods have been restructured and renumbered. The optical cable element test methods contained in IEC 60794-1-23:2019 will now be individually numbered in the IEC 60794-1-3xx series. Each test method is now considered to be an individual document rather than part of a multi-test method compendium. Full cross-reference details are given in IEC 60794-1-2.

OPTICAL FIBRE CABLES –

Part 1-310: Generic specification – Basic optical cable test procedures – Cable element test methods – Strippability, method G10

1 Scope

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements of optical fibre cable elements for the mechanical property – strippability.

This document 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.

Throughout the document, the wording "optical cable" can also include optical fibre units, microduct fibre units, etc.

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

IEC 60793-1-32:2018, *Optical fibres – Part 1-32: Measurement methods and test procedures – Coating strippability*

IEC 60794-1-22:2017, *Optical fibre cables – Part 1-22: Generic specification – Basic optical cable test procedures – Environmental tests methods*