

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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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
générique - 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)

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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
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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**

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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*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
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4 General requirements

IEC 60794-1-2 is the reference guide to test methods of all types. It shall be considered for general requirements and definitions.