



SLOVENSKI STANDARD

SIST EN IEC 60794-1-305:2023

01-april-2023

Optični kabli - 1-305. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Preskusne metode za kabelske elemente - Vzдолžno trganje (ločljivost), metoda G5 (IEC 60794-1-305:2023)

Optical fibre cables - Part 1-305: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon tear (separability), Method G5 (IEC 60794-1-305:2023)

Lichtwellenleiterkabel - Teil 1-305: Allgemeine Festlegungen - Grundlegende Prüfverfahren für Lichtwellenleiterkabel - Prüfverfahren für Kabelelemente - Bänderriss (Trennbarkeit), Verfahren G5 (IEC 60794-1-305:2023)

Câbles à fibres optiques - Partie 1-305: Spécification générique - Procédures fondamentales d'essai des câbles optiques - Méthodes d'essai des éléments de câble - Déchirure du ruban (séparabilité), Méthode G5 (IEC 60794-1-305:2023)

Ta slovenski standard je istoveten z: EN IEC 60794-1-305:2023

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EUROPEAN STANDARD

EN IEC 60794-1-305

NORME EUROPÉENNE

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February 2023

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Supersedes EN IEC 60794-1-23:2019 (partially)

English Version

Optical fibre cables - Part 1-305: Generic specification - Basic
optical cable test procedures - Cable element test methods -
Ribbon tear (separability), Method G5
(IEC 60794-1-305:2023)

Câbles à fibres optiques - Partie 1-305: Spécification
générique - Procédures fondamentales d'essai des câbles
optiques - Méthodes d'essai des éléments de câble -
Déchirure du ruban (séparabilité), Méthode G5
(IEC 60794-1-305:2023)

Lichtwellenleiterkabel - Teil 1-305: Allgemeine
Festlegungen - Grundlegende Prüfverfahren für
Lichtwellenleiterkabel - Prüfverfahren für Kabelelemente -
Bänderriss (Trennbarkeit), Verfahren G5
(IEC 60794-1-305:2023)

This European Standard was approved by CENELEC on 2023-02-08. 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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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 60794-1-305:2023 (E)**European foreword**

The text of document 86A/2249/FDIS, future edition 1 of IEC 60794-1-305, 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 60794-1-305:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2023-11-08 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-02-08 document have to be withdrawn

This document supersedes (partially) EN IEC 60794-1-23:2019 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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 60794-1-31	-	Optical fibre cables - Part 1-31: Generic specification - Optical cable elements - Optical fibre ribbon	EN IEC 60794-1-31	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibre cables –
Part 1-305: Generic specification – Basic optical cable test procedures – Cable
element test methods – Ribbon tear (separability), Method G5**

**Câbles à fibres optiques –
Partie 1-305: Spécification générique – Procédures fondamentales d'essai des
câbles optiques – Méthodes d'essai des éléments de câble – Déchirure du ruban
(séparabilité), Méthode G5**

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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 General requirements	6
5 Method G5: Ribbon tear (separability)	7
5.1 Object.....	7
5.2 Sample	7
5.3 Apparatus	8
5.4 Procedure	8
5.5 Requirements	9
5.6 Details to be specified.....	9
5.7 Details to be reported	9
Figure 1 – Sample preparation for ribbon separability test.....	8
Figure 2 – Separability procedure	9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 1-305: Generic specification – Basic optical cable test procedures –
Cable element test methods – Ribbon tear (separability), Method G5**

FOREWORD

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IEC 60794-1-305 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This first edition of IEC 60794-1-305 cancels and replaces method G5 of the second edition of IEC 60794-1-23 published in 2019. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the second edition of IEC 60794-1-23:2019:

- a) 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.

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

Draft	Report on voting
86A/2249/FDIS	86A/2271/RVD

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.

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