

STN	Optické káble Časť 1-303: Kmeňová špecifikácia Základné skúšobné postupy pre optické káble Rozmery pásy Kalibrovacia clonka, metóda G3	STN EN IEC 60794-1-303 35 9223
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Optical fibre cables - Part 1-303: Generic specification - Basic optical cable test procedures - Ribbon dimensions - Aperture gauge, method G3

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. 07/23

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EUROPEAN STANDARD

EN IEC 60794-1-303

NORME EUROPÉENNE

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English Version

Optical fibre cables - Part 1-303: Generic specification - Basic
optical cable test procedures - Ribbon dimensions - Aperture
gauge, method G3
(IEC 60794-1-303:2023)

Câbles à fibres optiques - Partie 1-303: Spécification
générique - Procédures fondamentales d'essai des câbles
optiques - Dimensions du ruban - Gabarit d'ouverture,
méthode G3
(IEC 60794-1-303:2023)

Lichtwellenleiterkabel - Teil 1-303: Fachgrundspezifikation -
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -
Prüfverfahren für Kabelelemente - Bandmaße -
Aperturmessgerät, Verfahren G3
(IEC 60794-1-303:2023)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

EN IEC 60794-1-303:2023 (E)**European foreword**

The text of document 86A/2299/FDIS, future edition 1 of IEC 60794-1-303, 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 60794-1-303:2023.

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) 2024-02-10
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This document partially supersedes EN IEC 60794-1-23:2019 and all of its amendments and corrigenda (if any).

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

IEC 60794-1-31:2021 NOTE Approved as EN IEC 60794-1-31:2021 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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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 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 60794-1-2	-
IEC 60794-1-23	2019	Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods	EN IEC 60794-1-23	2019



IEC 60794-1-303

Edition 1.0 2023-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibre cables –
Part 1-303: Generic specification – Basic optical cable test procedures – Ribbon
dimensions – Aperture gauge, method G3**

**Câbles à fibres optiques –
Partie 1-303: Spécification générique – Procédures fondamentales d'essai des
câbles optiques – Dimensions du ruban – Gabarit d'ouverture, méthode G3**





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IEC 60794-1-303

Edition 1.0 2023-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibre cables –

Part 1-303: Generic specification – Basic optical cable test procedures – Ribbon dimensions – Aperture gauge, method G3

Câbles à fibres optiques –

Partie 1-303: Spécification générique – Procédures fondamentales d'essai des câbles optiques – Dimensions du ruban – Gabarit d'ouverture, méthode G3

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 1-303: Generic specification –
Basic optical cable test procedures –
Ribbon dimensions – Aperture gauge, method G3**

FOREWORD

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IEC 60794-1-303 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. In the context of the revision of IEC 60794-1-23:2019, its contents were split into separate test methods.

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

Draft	Report on voting
86A/2299/FDIS	86A/2319/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.

INTRODUCTION

This document contains method G3 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 1-303: Generic specification – Basic optical cable test procedures – Ribbon dimensions – Aperture gauge, method G3

1 Scope

This part of IEC 60794 describes test procedures to be used in establishing uniform requirements for the geometrical properties of optical fibre ribbons.

This document applies to optical fibre ribbons for use with telecommunication equipment and devices employing similar techniques, and to optical fibre ribbons for cables having a combination of both optical fibres and electrical conductors.

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 60794-1-23:2019, *Optical fibre cables – Part 1-23: Generic specification – Basic optical cable test procedures – Cable element test methods*

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