

STN	Optické káble Časť 1-3: Rámcová špecifikácia Prvky optických káblov	STN EN 60794-1-3 35 9223
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Optical fibre cables - Part 1-3: Generic specification - optical cable elements

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. 01/18

Obsahuje: EN 60794-1-3:2017, IEC 60794-1-3:2017

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60794-1-3

July 2017

ICS 33.180.10

English Version

**Optical fibre cables - Part 1-3: Generic specification - optical
cable elements
(IEC 60794-1-3:2017)**

Câbles à fibres optiques - Partie 1-3: Spécification
générique - Eléments de câbles optiques
(IEC 60794-1-3:2017)

Lichtwellenleiterkabel - Teil 1-3: Fachgrundspezifikation -
LWL-Kabelelemente
(IEC 60794-1-3:2017)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 86A/1764/CDV, future edition 1 of IEC 60794-1-3, 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 60794-1-3:2017.

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) 2018-03-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-06-15

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The text of the International Standard IEC 60794-1-3:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated

IEC 60794 (series)	NOTE	Harmonized as EN 60794 (series).
IEC 60794-1-31	NOTE	Harmonized as EN 60794-1-31.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 60794-1-1	-	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	-
IEC 60794-1-2	-		EN 60794-1-2	-
IEC 60794-1-23	-	Optical fibre cables -- Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods	EN 60794-1-23	-
IEC 60794-2	-		-	-
IEC 60794-3	-	Optical fibre cables - Part 3: Outdoor cables - Sectional specification	EN 60794-3	-
IEC 60794-4	-	Optical fibre cables -- Part 4: Sectional specification - Aerial optical cables along electrical power lines	EN 60794-4	-
IEC 60794-5	-	Optical fibre cables -- Part 5: Sectional specification - Microduct cabling for installation by blowing	EN 60794-5	-



INTERNATIONAL STANDARD

**Optical fibre cables –
Part 1-3: Generic specification – Optical cable elements**



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**Optical fibre cables –
Part 1-3: Generic specification – Optical cable elements**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

Part 1-3: Generic specification – Optical cable elements

FOREWORD

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International Standard IEC 60794-1-3 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86A/1764/CDV	86A/1791/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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 "<http://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.

A bilingual version of this publication may be issued at a later date.

OPTICAL FIBRE CABLES –

Part 1-3: Generic specification – Optical cable elements

1 Scope

This part of IEC 60794 is a generic specification covering optical cable elements. Requirements which are described in this document apply to elements of optical fibre cables for use with telecommunication equipment and devices employing similar techniques. The elements which are the subject of this document are those which apply to several cable types of IEC 60794 (all parts) and as defined by sectional specifications IEC 60794-2, IEC 60794-3, IEC 60794-4, and IEC 60794-5. The requirements for cable elements are described in the IEC 60794-1-3X series for which the IEC 60794-1-31¹ is the first one, and family specifications and detailed specifications of the aforementioned sectional specifications can define specific cables families and 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*

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

IEC 60794-2, *Optical fibre cables – Part 2: Indoor cables – Sectional specification*

IEC 60794-3, *Optical fibre cables – Part 3: Outdoor cables – Sectional specification*

IEC 60794-4, *Optical fibre cables – Part 4: Sectional specification – Aerial optical cables along electrical power lines*

IEC 60794-5, *Optical fibre cables – Part 5: Sectional specification – Microduct cabling for installation by blowing*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Under preparation. Stage at the time of publication: IEC PCC 60794-1-31:2017.