



# SLOVENSKI STANDARD SIST EN IEC 60794-6:2021

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**Optični kabli - 6. del: Notranji ali zunanji kabli - Oddelčna specifikacija za kable za notranjo ali zunanjo uporabo (IEC 60794-6:2020)**

Optical fibre cables - Part 6: Indoor-outdoor cables - Sectional specification for indoor-outdoor cables (IEC 60794-6:2020)

Lichtwellenleiterkabel - Teil 6: Innen-/Außenkabel - Rahmenspezifikation für Innen-/Außenkabel (IEC 60794-6:2020)

Câbles à fibres optiques - Partie 6: Câbles intérieurs/extérieurs - Spécification intermédiaire pour les câbles intérieurs/extérieurs (IEC 60794-6:2020)

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**Ta slovenski standard je istoveten z: EN IEC 60794-6:2020**

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**ICS:**

33.180.10 (Optična) vlakna in kabli Fibres and cables

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EUROPEAN STANDARD

EN IEC 60794-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2020

ICS 33.180.10

English Version

Optical fibre cables - Part 6: Indoor-outdoor cables - Sectional  
specification for indoor-outdoor cables  
(IEC 60794-6:2020)

Câbles à fibres optiques - Partie 6: Câbles  
intérieurs/extérieurs - Spécification intermédiaire pour les  
câbles intérieurs/extérieurs  
(IEC 60794-6:2020)

Lichtwellenleiterkabel - Teil 6: Innen-/Außenkabel -  
Rahmenspezifikation für Innen-/Außenkabel  
(IEC 60794-6:2020)

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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 60794-6:2020 (E)****European foreword**

The text of document 86A/2042/FDIS, future edition 1 of IEC 60794-6, 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 60794-6:2020.

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) 2021-07-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-10-30

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**Endorsement notice**

The text of the International Standard IEC 60794-6:2020 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:

<u>SIST EN IEC 60794-6:2021</u>		
IEC 60794 (series)	NOTE	Harmonized as EN 60794 (series)
IEC 60794-1-2	NOTE	Harmonized as EN 60794-1-2
IEC 60794-1-3	NOTE	Harmonized as EN 60794-1-3
IEC 60794-1-22	NOTE	Harmonized as EN IEC 60794-1-22
IEC 60794-1-23	NOTE	Harmonized as EN IEC 60794-1-23
IEC 60794-1-24	NOTE	Harmonized as EN 60794-1-24
IEC 60794-1-219	NOTE	Harmonized as EN IEC 60794-1-219 <sup>1</sup>
IEC 60794-3-10	NOTE	Harmonized as EN 60794-3-10
IEC 60811-203	NOTE	Harmonized as EN 60811-203

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<sup>1</sup> To be published. Stage at the time of publication: prEN IEC 60794-1-219:2020.

## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-40	-	Optical fibres - Part 1-40: Attenuation measurement methods	EN IEC 60793-1-40	-
IEC 60793-2	-	Optical fibres - Part 2: Product specifications	-	-
IEC 60794-1-1	-	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	-
IEC 60794-1-21	-	Optical fibre cables - Part 1-21: Generic specification - Basic optical cable test procedures - Mechanical tests methods	EN 60794-1-21	-
IEC 60794-2	2017	Optical fibre cables - Part 2: Indoor cables - Sectional specification	EN 60794-2	2017
IEC 60794-3	2014	Optical fibre cables - Part 3: Outdoor cables - Sectional specification	EN 60794-3	2015
IEC 60794-6-10	-	Optical fibre cables - Part 6-10: Indoor-outdoor cables - Family specification for universal indoor-outdoor cables	-	-
IEC 60794-6-20	-	Optical fibre cables - Part 6-20: Indoor-outdoor cables - Family specification for flame retardant outdoor cables	-	-
IEC 60794-6-30	-	Optical fibre cables - Part 6-30: Indoor-outdoor cables - Family specification for weatherised indoor cables	-	-

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Edition 1.0 2020-09

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Optical fibre cables –**  
**Part 6: Indoor-outdoor cables – Sectional specification for indoor-outdoor cables**

**Câbles à fibres optiques –**  
**Partie 6: Câbles intérieurs/extérieurs – Spécification intermédiaire pour les câbles intérieurs/extérieurs**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## OPTICAL FIBRE CABLES –

**Part 6: Indoor-outdoor cables –  
Sectional specification for indoor-outdoor cables**

## FOREWORD

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International Standard IEC 60794-6 has been prepared by subcommittee SC 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86A/2042/FDIS	86A/2052/RVD

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.