



SLOVENSKI STANDARD SIST EN IEC 60794-4:2018

01-november-2018

Nadomešča:
SIST EN 60794-4:2004

Optični kabli - 4. del: Področna specifikacija - Nadzemni optični kabli vzdolž elektroenergetskih vodov (IEC 60794-4:2018)

Optical fibre cables - Part 4: Sectional specification - Aerial optical cables along electrical power lines (IEC 60794-4:2018)

Lichtwellenleiterkabel - Teil 4: Rahmenspezifikation - Lichtwellenleiter-Luftkabel auf Starkstrom-Freileitungen (IEC 60794-4:2018)

Câbles à fibres optiques - Partie 4: Spécification intermédiaire - Câbles optiques aériens le long des lignes électriques de puissance (IEC 60794-4:2018)

Ta slovenski standard je istoveten z: EN IEC 60794-4:2018

ICS:

33.180.10 (Optična) vlakna in kabli Fibres and cables

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NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60794-4

August 2018

ICS 33.180.10

Supersedes EN 60794-4:2003

English Version

**Optical fibre cables - Part 4: Sectional specification - Aerial
optical cables along electrical power lines
(IEC 60794-4:2018)**

Câbles à fibres optiques - Partie 4: Spécification
intermédiaire - Câbles optiques aériens le long des lignes
électriques de transport d'énergie
(IEC 60794-4:2018)

Lichtwellenleiterkabel - Teil 4: Rahmenspezifikation -
Lichtwellenleiter-Luftkabel auf Starkstrom-Freileitungen
(IEC 60794-4:2018)

This European Standard was approved by CENELEC on 2018-07-30. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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 60794-4:2018 (E)**European foreword**

The text of document 86A/1862/FDIS, future edition 2 of IEC 60794-4, 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 60794-4:2018.

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) 2019-04-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-07-30

This document supersedes EN 60794-4:2003

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The text of the International Standard IEC 60794-4:2018 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 60794-1-2	NOTE	Harmonized as EN 60794-1-2
IEC 60794-1-23	NOTE	Harmonized as EN 60794-1-23
IEC 60794-1-31	NOTE	Harmonized as EN IEC 60794-1-31

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 60104	-	Aluminium-magnesium-silicon alloy wire for overhead line conductors	-	-
IEC 60304	-	Standard colours for insulation for low-frequency cables and wires	HD 402 S2	-
IEC 60793-1-21	-	Optical fibres -- Part 1-21: Measurement methods and test procedures - Coating geometry	EN 60793-1-21	-
IEC 60793-1-32	-	Optical fibres -- Part 1-32: Measurement methods and test procedures - Coating strippability	EN 60793-1-32	-
IEC 60793-1-40	-	Optical fibres -- Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	-
IEC 60793-1-44	-	Optical fibres -- Part 1-44: Measurement methods and test procedures - Cut-off wavelength	EN 60793-1-44	-
IEC 60793-1-48	-	Optical fibres -- Part 1-48: Measurement methods and test procedures - Polarization mode dispersion	EN 60793-1-48	-
IEC 60793-2	-	Optical fibres - Part 2: Product specifications - General	EN 60793-2	-
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 60794-1-22	-	Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN IEC 60794-1-22	-

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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 60794-1-24	-	Optical fibre cables -- Part 1-24: Generic specification - Basic optical cable test procedures - Electrical test methods	EN 60794-1-24	-
IEC 60794-3	-	Optical fibre cables - Part 3: Outdoor cables - Sectional specification	EN 60794-3	-
IEC 60794-4-20	2012	Optical fibre cables -- Part 4-20: Aerial optical cables along electrical power lines - Family specification for ADSS (All Dielectric Self Supported) Optical cables	EN 60794-4-20	2012
IEC 60811-202	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 202: General tests - Measurement of thickness of non-metallic sheath	EN 60811-202	-
IEC 60811-203	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 203: General tests - Measurement of overall dimensions	EN 60811-203	-
IEC 60811-401	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 401: Miscellaneous tests - Thermal ageing methods - Ageing in an air oven	EN 60811-401	-
IEC 60811-406	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 406: Miscellaneous tests - Resistance to stress cracking of polyethylene and polypropylene compounds	EN 60811-406	-
IEC 60811-501	-	Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds	EN 60811-501	-
IEC 60811-604	2012	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 604: Physical tests - Measurement of absence of corrosive components in filling compounds	EN 60811-604	2012
IEC 60811-607	-	Electric and optical fibre cables - Test methods for non-metallic materials -- Part 607: Physical tests - Test for the assessment of carbon black dispersion in polyethylene and polypropylene	EN 60811-607	-
IEC 60888	-	Zinc-coated steel wires for stranded conductors	-	-
IEC 60889	-	Hard-drawn aluminium wire for overhead line conductors	EN 60889	-
IEC 61089	1991	Round wire concentric lay overhead electrical stranded conductors	-	-
IEC 61232	-	Aluminium-clad steel wires for electrical purposes	EN 61232	-

IEC 61394	-	Overhead lines - Requirements for greases - for aluminium, aluminium alloy and steel bare conductors	-
IEC 61395	-	Overhead electrical conductors - Creep test EN 61395 procedures for stranded conductors	-

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NORME INTERNATIONALE

Optical fibre cables –
Part 4: Sectional specification – Aerial optical cables along electrical power lines
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Partie 4: Spécification intermédiaire – Câbles optiques aériens le long des lignes
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