



SLOVENSKI STANDARD
SIST EN 60794-5-10:2014
01-junij-2014

Optični kabli - 5-10. del: Skupinska specifikacija za mikrokanale optičnih kablov za uporabo na prostem, mikrokanale in zaščitene mikrokanale za vgradnjo z vpihovanjem (IEC 60794-5-10:2014)

Optical fibre cables - Part 5-10: Family specification for outdoor microduct optical fibre cables, microducts and protected microducts for installation by blowing

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33.180.10 (Optična) vlakna in kabli Fibres and cables

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60794-5-10

April 2014

ICS 33.180.01; 33.180.10

English version

**Optical fibre cables -
Part 5–10: Family specification -
Outdoor microduct optical fibre cables, microducts and protected
microducts for installation by blowing
(IEC 60794-5-10:2014)**

Câbles à fibres optiques -
Partie 5–10: Spécification de famille -
Câbles extérieurs à fibres optiques en
micro-conduit, micro-conduits et micro-
conduits protégés pour installation par
soufflage
(CEI 60794-5-10:2014)

Lichtwellenleiterkabel -
Teil 5-10: Familienspezifikation für
Mikrorohr-Lichtwellenleiterkabel,
Mikrorohre und geschützte Mikrorohre zur
Installation durch Einblasen für die
Anwendung im Freien
(IEC 60794-5-10:2014)

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SIST EN 60794-5-10:2014

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

Foreword

The text of document 86A/1496/CDV, future edition 1 of IEC 60794-5-10, 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 60794-5-10:2014.

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) 2014-12-12
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-03-12

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Endorsement notice

The text of the International Standard IEC 60794-5-10:2014 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 60794-1-21 NOTE Harmonized as EN 60794-1-21.

IEC 60811-501 NOTE Harmonized in EN 60811-501.

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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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60304	-	Standard colours for insulation for low-frequency cables and wires	HD 402 S2	-
IEC 60793-1-40 (mod)	-	Optical fibres - Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	-
IEC 60793-2-10	-	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	-
IEC 60793-2-50	-	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	-
IEC 60794-1	-	Optical fibre cables - Part 1: Generic specification		-
IEC 60794-1-1	-	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	-
IEC 60794-1-2	-	Optical fibre cables - Part 1-2: Generic specification - Cross reference table for optical cable test procedures	EN 60794-1-2	-
IEC 60794-1-22	2012	Optical fibre cables - Part 1-22: Generic specification - Basic optical cable test procedures - Environmental test methods	EN 60794-1-22	2012
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 60794-2	-	Optical fibre cables - Part 2: Indoor cables - Sectional specification	EN 60794-2	-
IEC 60794-3	-	Optical fibre cables - Part 3: Sectional specification - Outdoor cables	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	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60794-5-20	-	Optical fibre cables - Part 5-20: Family specification for outdoor microduct fibre units, microducts and protected microducts for installation by blowing	EN 60794-5-20	-
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 60811-601	-	Electric and optical fibre cables - Test methods for non-metallic materials - Part 601: Physical tests - Measurement of the drop point of filling compounds	EN 60811-601	-
IEC 60811-602	-	Electric and optical fibre cables - Test methods for non-metallic materials - Part 602: Physical tests - Separation of oil in filling compounds	EN 60811-602	-
IEC 60811-604	-	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	-
ISO/IEC 11801	-	Information technology - Generic cabling for customer premises	EN ISO/IEC 11801	-

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IEC 60794-5-10

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



Optical fibre cables –
Part 5–10: Family specification – Outdoor microduct optical fibre cables,
microducts and protected microducts for installation by blowing

[SIST EN 60794-5-10:2014](https://standards.iteh.ai/catalog/standards/sist/ae7acc66-3247-444a-a31b-026f11181818/sist-cables-fibre-5-10-2014)

Câbles à fibres optiques –
Partie 5–10: Spécification de famille – Câbles extérieurs à fibres optiques en
micro-conduit, micro-conduits et micro-conduits protégés pour installation par
soufflage

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 5–10: Family specification –
Outdoor microduct optical fibre cables, microducts and protected
microducts
for installation by blowing**

FOREWORD

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International Standard IEC 60794-5-10 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

The text of this standard is based on the following documents:

CDV	Report on voting
86A/1496/CDV	86A/1542/RVC

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

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

A list of all parts of 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 publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,
- replaced by a revised edition, or
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