

SLOVENSKI STANDARD SIST EN IEC 60794-1-211:2021

01-junij-2021

Nadomešča:

SIST EN IEC 60794-1-22:2018

Optični kabli - 1-211. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Okoljske preskusne metode - Krčenje plašča, metoda F11 (IEC 60794-1-211:2021)

Optical fibre cables - Part 1-211: Generic specification - Basic optical cable test procedures - Environmental test methods - Sheath shrinkage, method F11 (IEC 60794-1-211:2021)

iTeh STANDARD PREVIEW

Lichtwellenleiterkabel – Teil 1-211 Allgemeine Spezifikation – Grundlegende Prüfverfahren für Lichtwellenleiterkabel – Verfahren zum Prüfen der Umwelteinflüsse – Mantelschrumpf, Methode F11 (IEC 60794-1-211:2021)

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Câbles à fibres optiques - Partie 1-211: Spécification générique - Modes opératoires de base applicables aux essais des câbles optiques - Méthodes d'essais d'environnement - Rétreint de la gaine, méthode F11 (IEC 60794-1-211:2021)

Ta slovenski standard je istoveten z: EN IEC 60794-1-211:2021

ICS:

33.180.10 (Optična) vlakna in kabli Fibres and cables

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN IEC 60794-1-211

March 2021

ICS 33.180.10

Supersedes EN IEC 60794-1-22:2018 and all of its amendments and corrigenda (if any)

English Version

Optical fibre cables - Part 1-211: Generic specification - Basic optical cable test procedures - Environmental test methods - Sheath shrinkage, method F11 (IEC 60794-1-211:2021)

Câbles à fibres optiques - Partie 1-211: Spécification générique - Procédures fondamentales d'essais des câbles optiques - Méthodes d'essais d'environnement - Rétraction de la gaine, méthode F11 (IEC 60794-1-211:2021) Lichtwellenleiterkabel - Teil 1-211: Fachgrundspezifikation - Grundlegende Prüfverfahren für Lichtwellenleiterkabel - Umweltprüfverfahren - Mantelschrumpf, Methode F11 (IEC 60794-1-211:2021)

This European Standard was approved by CENELEC on 2021-03-25. 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 60794-1-211:2021 (E)

European foreword

The text of document 86A/2074/FDIS, future edition 1 of IEC 60794-1-211, 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 60794-1-211:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-12-25 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-03-25

This document supersedes EN IEC 60794-1-22:2018 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 60794-1-211:2021 was approved by CENELEC as a European Standard without any modification. IEC 60794-1-211:2021

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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 IEC 60794-1-2

IEC 60811-503 NOTE Harmonized as EN 60811-503

EN IEC 60794-1-211:2021 (E)

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 60794-1-1	-	Optical fibre cables - Part 1-1: Generic specification - General Teh STANDARD PREVI	EN 60794-1-1	-
IEC 60794-1-22	2017	Optical fibre cables - Part 1-22; Generic specification 1 Basic Optical cable test		2018
		procedures - Environmental test methods		
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IEC 60794-1-211

Edition 1.0 2021-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Optical fibre cables Feh STANDARD PREVIEW

Part 1-211: Generic specification – Basic optical cable test procedures – Environmental test methods – Sheath shrinkage, method F11

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Partie 1-211: Spécification générique Procédures fondamentales d'essais des câbles optiques – Méthodes d'essais d'environnement – Rétraction de la gaine, méthode F11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES -

Part 1-211: Generic specification – Basic optical cable test procedures – Environmental test methods – Sheath shrinkage, method F11

FOREWORD

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IEC 60794-1-211 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This document partially replaces IEC 60794-1-22:2017. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 60794-1-22:2017:

- a) method F11 (cables intended for patch cords) of IEC 60794-1-22:2017 was renumbered F11A and renamed as "sheath shrinkage (cables to be terminated with connectors)";
- b) a second method F11B is newly included that was adapted from ANSI/TIA-455-86-A;
- c) in method F11A, the thermal exposure from ambient to the specified temperature was replaced by temperature cycling between a low and high temperature according to IEC 60794-1-22, method F1;

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- d) in method F11A, the continuing of the test cycles until the shrinkage exhibits a variation less than ±1 mm was replaced with a fixed number of cycles specified by the detail specification;
- e) in method F11A, the average was changed to maximum sheath shrinkage that shall not exceed the value specified in the relevant detail specification;
- f) in both methods, the alternative that the sample may be cut to length and the length between the cut sheath ends measured is added.

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

Draft	Report on voting	
86A/2074/FDIS	86A/2087/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/standardsdev/publications.

A list of all parts in the 60794 series, published under the general title Optical fibre cables, can be found on the IEC website. (standards.iteh.ai)

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 232-3922-468-8300-

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.