



**SLOVENSKI STANDARD**  
**SIST EN IEC 60794-1-219:2022**

**01-marec-2022**

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**Optični kabli - 1-219. del: Splošna specifikacija - Osnovni preskusni postopki za optične kable - Preskus združljivosti materiala, metoda F19 (IEC 60794-1-219:2021)**

Optical fibre cables - Part 1-219: Generic specification - Basic optical cable test procedures - Material compatibility test, method F19 (IEC 60794-1-219:2021)

Lichtwellenleiterkabel - Teil 1-219: Fachgrundspezifikation - Grundlegende Prüfverfahren für Lichtwellenleiterkabel - Werkstoffverträglichkeitsprüfung, Verfahren F19 (IEC 60794-1-219:2021)

Câbles à fibres optiques - Partie 1-219 : Spécification générique - Procédures fondamentales d'essais des câbles optiques - Essai de compatibilité des matériaux, Méthode F19 (IEC 60794-1-219:2021)

**Ta slovenski standard je istoveten z: EN IEC 60794-1-219:2022**

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**ICS:**

33.180.10      (Optična) vlakna in kabli      Fibres and cables

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EUROPEAN STANDARD

EN IEC 60794-1-219

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2022

ICS 33.180.10

English Version

Optical fibre cables - Part 1-219: Generic specification - Basic  
optical cable test procedures - Material compatibility test, method  
F19  
(IEC 60794-1-219:2021)

Câbles à fibres optiques - Partie 1-219 : Spécification  
générique - Procédures fondamentales d'essais des câbles  
optiques - Essai de compatibilité des matériaux, méthode  
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(IEC 60794-1-219:2021)

Lichtwellenleiterkabel - Teil 1-219: Fachgrundspezifikation -  
Grundlegende Prüfverfahren für Lichtwellenleiterkabel -  
Werkstoffverträglichkeitsprüfung, Verfahren F19  
(IEC 60794-1-219:2021)

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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 60794-1-219:2022 (E)****European foreword**

The text of document 86A/2138/FDIS, future edition 1 of IEC 60794-1-219, 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 60794-1-219:2022.

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) 2022-09-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-12-27

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

The text of the International Standard IEC 60794-1-219:2021 was approved by CENELEC as a European Standard without any modification.

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## 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 60794-1-2	-	Optical fibre cables - Part 1–2: Generic specification - Basic optical cable test procedures - General guidance	EN IEC 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 IEC 60794-1-23	-
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 61196-1-101	-	Coaxial communication cables - Part 1–101: Electrical test methods - Test for conductor d.c. resistance of cable	-	-
IEC 61196-1-102	-	Coaxial communication cables - Part 1–102: Electrical test methods - Test for insulation resistance of cable dielectric	-	-
IEC 61196-1-105	-	Coaxial communication cables - Part 1–105: Electrical test methods - Test for withstand voltage of cable dielectric	-	-

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**iTeh STANDARD**

**Optical fibre cables –  
Part 1-219: Generic specification – Basic optical cable test procedures –  
Material compatibility test, method F19**

**Câbles à fibres optiques –  
Partie 1-219: Spécification générique – Procédures fondamentales d'essais des  
câbles optiques – Essai de compatibilité des matériaux, méthode F19**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## OPTICAL FIBRE CABLES –

**Part 1-219: Generic specification – Basic optical cable  
test procedures – Material compatibility test, method F19**

## FOREWORD

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IEC 60794-1-219 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

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

Draft	Report on voting
86A/2138/FDIS	86A/2143/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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 [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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- withdrawn,
- replaced by a revised edition, or
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