



SLOVENSKI STANDARD
SIST EN IEC 60793-1-22:2024

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Optična vlakna - 1-22. del: Merilne metode in postopki preskušanja - Merjenje dolžine (IEC 60793-1-22:2024)

Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement (IEC 60793-1-22:2024)

Lichtwellenleiter - Teil 1-22: Messmethoden und Prüfverfahren - Längenmessung (IEC 60793-1-22:2024)

Fibres optiques - Partie 1-22: Méthodes de mesure et procédures d'essai - Mesure de la longueur (IEC 60793-1-22:2024)

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**Optical fibres - Part 1-22: Measurement methods and test
procedures - Length measurement
(IEC 60793-1-22:2024)**

Fibres optiques - Partie 1-22: Méthodes de mesure et
procédures d'essai - Mesure de la longueur
(IEC 60793-1-22:2024)

Lichtwellenleiter - Teil 1-22: Messmethoden und
Prüfverfahren - Längenmessung
(IEC 60793-1-22:2024)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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EN IEC 60793-1-22:2024 (E)**European foreword**

The text of document 86A/2456/FDIS, future edition 2 of IEC 60793-1-22, 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 60793-1-22:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-05-01 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-08-01 document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60794-1-1	NOTE	Approved as EN IEC 60794-1-1
IEC 61757-1-2	NOTE	Approved as EN IEC 61757-1-2

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.cencenelec.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 60793-1-42	-	Optical fibres - Part 1-42: Measurement methods and test procedures - Chromatic dispersion	EN 60793-1-42	-

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IEC 60793-1-22

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibres –
Part 1-22: Measurement methods and test procedures – Length measurement**

**Fibres optiques –
Partie 1-22: Méthodes de mesure et procédures d'essai – Mesure de la longueur**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRES –

**Part 1-22: Measurement methods and test procedures –
Length measurement**

FOREWORD

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IEC 60793-1-22 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This second edition cancels and replaces the first edition published in 2001. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Inclusion of category C single mode fibres in Table 1;
- b) Inclusion of a new informative Annex F on Brillouin frequency shift test method to determine the tensile strain applied to a fibre.

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

Draft	Report on voting
86A/2456/FDIS	86A/2474/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/publications.

A list of all parts in the IEC 60793 series, published under the general title *Optical fibres*, 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 in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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