



## BSI Standards Publication

### Optical fibres

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Part 2-60: Product specifications — Sectional specification  
for class C single-mode interconnection fibres

# National foreword

This British Standard is the UK implementation of EN IEC 60793-2-60:2025. It is identical to IEC 60793-2-60:2025. It supersedes BS EN 60793-2-60:2008, which will be withdrawn on 30 November 2028.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/1, Optical fibres and cables.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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## Amendments/corrigenda issued since publication

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English Version

Optical fibres - Part 2-60: Product specifications - Sectional  
specification for class C single-mode interconnection fibres  
(IEC 60793-2-60:2025)

Fibres optiques - Partie 2-60: Spécifications de produits -  
Spécification intermédiaire pour les fibres d'interconnexion  
unimodales de classe C  
(IEC 60793-2-60:2025)

Lichtwellenleiter - Teil 2-60: Produktspezifikationen -  
Rahmenspezifikation für Einmoden-Verbindungsfasern der  
Kategorie C  
(IEC 60793-2-60:2025)

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## **European foreword**

The text of document 86A/2599/FDIS, future edition 2 of IEC 60793-2-60, 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 60793-2-60:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-11-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-11-30 document have to be withdrawn

This document supersedes EN 60793-2-60:2008 and all of its amendments and corrigenda (if any).

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

|                |      |                               |
|----------------|------|-------------------------------|
| IEC 60793-1-34 | NOTE | Approved as EN IEC 60793-1-34 |
| IEC 60793-1-42 | NOTE | Approved as EN 60793-1-42     |
| IEC 60793-1-53 | NOTE | Approved as EN 60793-1-53     |
| IEC 60793-1-54 | NOTE | Approved as EN IEC 60793-1-54 |

## 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](http://www.cencenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                               | <u>EN/HD</u>      | <u>Year</u> |
|--------------------|-------------|------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| IEC 60793-1-20     | -           | Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry                       | EN 60793-1-20     | -           |
| IEC 60793-1-21     | -           | Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry                     | EN 60793-1-21     | -           |
| IEC 60793-1-22     | -           | Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement                   | EN IEC 60793-1-22 | -           |
| IEC 60793-1-30     | -           | Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test                     | EN 60793-1-30     | -           |
| IEC 60793-1-31     | -           | Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength                     | EN IEC 60793-1-31 | -           |
| IEC 60793-1-32     | -           | Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability                | EN IEC 60793-1-32 | -           |
| IEC 60793-1-33     | -           | Optical fibres - Part 1-33: Measurement methods and test procedures - Stress corrosion susceptibility      | EN 60793-1-33     | -           |
| IEC 60793-1-40     | -           | Optical fibres - Part 1-40: Attenuation measurement methods                                                | EN IEC 60793-1-40 | -           |
| IEC 60793-1-44     | -           | Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength                   | EN IEC 60793-1-44 | -           |
| IEC 60793-1-45     | -           | Optical fibres - Part 1-45: Measurement methods and test procedures - Mode field diameter                  | EN IEC 60793-1-45 | -           |
| IEC 60793-1-46     | -           | Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in attenuation | EN IEC 60793-1-46 | -           |

## EN IEC 60793-2-60:2025 (E)

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                         | <u>EN/HD</u>      | <u>Year</u> |
|--------------------|-------------|------------------------------------------------------------------------------------------------------|-------------------|-------------|
| IEC 60793-1-47     | -           | Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss              | EN IEC 60793-1-47 | -           |
| IEC 60793-1-50     | -           | Optical fibres - Part 1-50: Measurement methods and test procedures - Damp heat (steady state) tests | EN 60793-1-50     | -           |
| IEC 60793-1-51     | -           | Optical fibres - Part 1-51: Measurement methods and test procedures - Dry heat (steady state) tests  | EN 60793-1-51     | -           |
| IEC 60793-1-52     | -           | Optical fibres - Part 1-52: Measurement methods and test procedures - Change of temperature tests    | EN 60793-1-52     | -           |
| IEC 60793-2        | -           | Optical fibres - Part 2: Product specifications - General                                            | EN IEC 60793-2    | -           |

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**Optical fibres -  
Part 2-60: Product specifications - Sectional specification  
for class C single-mode interconnection fibres**

**FOREWORD**

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IEC 60793-2-60 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 2008. This edition constitutes a technical revision.

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

- a) replacement of "intraconnection" with "interconnection" and addition of the definition of "interconnection fibres";
- b) modification of the nominal MFD limit of C1 fibres;
- c) addition of "Primary coating diameter-coloured" limits for class C fibres and change of "Primary coating diameter-uncoloured" limits for class C<sub>80</sub> fibres;