

BS EN 60793-1-1:2008



BSI Standards Publication

Optical fibres —

Part 1-1: Measurement methods and test procedures — General and guidance

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National foreword

This British Standard is the UK implementation of EN 60793-1-1:2008. It is identical to IEC 60793-1-1:2008. It supersedes BS EN 60793-1-1:2003 which is withdrawn.

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

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 March 2009

Amendments issued since publication

Amd. No.	Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 60793-1-1

August 2008

ICS 33.180.10

Supersedes EN 60793-1-1:2003

English version

**Optical fibres -
Part 1-1: Measurement methods and test procedures -
General and guidance
(IEC 60793-1-1:2008)**

Fibres optiques -
Partie 1-1: Méthodes de mesure
et procédures d'essai -
Généralités et guide
(CEI 60793-1-1:2008)

Lichtwellenleiter -
Teil 1-1: Mess- und Prüfverfahren -
Allgemeines und Leitfaden
(IEC 60793-1-1:2008)

This European Standard was approved by CENELEC on 2008-07-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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CENELEC

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

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Foreword

The text of document 86A/1127/CDV, future edition 3 of IEC 60793-1-1, prepared by SC 86A, Fibres and cables, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 60793-1-1 on 2008-07-01.

This European Standard supersedes EN 60793-1-1:2003.

The main changes with regard to EN 60793-1-1:2003 concern:

- re-wording of Clause 8: Categories of optical fibres;
- removal of Clause 10: Cross-reference of former test designations to current documents;
- removal of the bibliography.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2009-04-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2011-07-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60793-1-1:2008 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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 60793 (mod)	Series	Optical fibres	EN 60793	Series
IEC 60793-1-20	- ¹⁾	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry	EN 60793-1-20	2002 ²⁾
IEC 60793-1-21	- ¹⁾	Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry	EN 60793-1-21	2002 ²⁾
IEC 60793-1-22	- ¹⁾	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement	EN 60793-1-22	2002 ²⁾
IEC 60793-1-30	- ¹⁾	Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test	EN 60793-1-30	2002 ²⁾
IEC 60793-1-31	- ¹⁾	Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength	EN 60793-1-31	2002 ²⁾
IEC 60793-1-32 (mod)	- ¹⁾	Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability	EN 60793-1-32	2003 ²⁾
IEC 60793-1-33	- ¹⁾	Optical fibres - Part 1-33: Measurement methods and test procedures - Stress corrosion susceptibility	EN 60793-1-33	2002 ²⁾
IEC 60793-1-34	- ¹⁾	Optical fibres - Part 1-34: Measurement methods and test procedures - Fibre curl	EN 60793-1-34	2006 ²⁾
IEC 60793-1-40 (mod)	- ¹⁾	Optical fibres - Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	2003 ²⁾
IEC 60793-1-41	- ¹⁾	Optical fibres - Part 1-41: Measurement methods and test procedures - Bandwidth	EN 60793-1-41	2003 ²⁾
IEC 60793-1-42	- ¹⁾	Optical fibres - Part 1-42: Measurement methods and test procedures - Chromatic dispersion	EN 60793-1-42	2007 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.