

Optical fibres —

Part 1-52: Measurement methods and test procedures — Change of temperature

The European Standard EN 60793-1-52:2002 has the status of a
British Standard

ICS 33.180.10

National foreword

This British Standard is the official English language version of EN 60793-1-52:2002. It is identical with IEC 60793-1-52:2001. It partly supersedes BS EN 188000:1994 which will be withdrawn upon publication to the full BS EN 60793-1 series of standards.

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

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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This British Standard, having been prepared under the direction of the Electrotechnical Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 14 May 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 9, and a back cover.

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EUROPEAN STANDARD

EN 60793-1-52

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Partly supersedes EN 188000:1992

English version

Optical fibres
Part 1-52: Measurement methods and test procedures –
Change of temperature
(IEC 60793-1-52:2001)

Fibres optiques
Partie 1-52: Méthodes de mesure
et procédures d'essai –
Variations de température
(CEI 60793-1-52:2001)

Lichtwellenleiter
Teil 1-52: Messmethoden
und Prüfverfahren –
Temperaturwechsel
(IEC 60793-1-52:2001)

This European Standard was approved by CENELEC on 2001-07-03. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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/679/FDIS, future edition 1 of IEC 60793-1-52, prepared by SC 86A, Fibres and cables, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60793-1-52 on 2001-07-03.

This European Standard supersedes subclause 5.3 (test method 401) of EN 188000:1992.

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) 2001-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2004-07-01

Annexes designated "normative" are part of the body of the standard.

In this standard, annex ZA is normative.

Annex ZA has been added by CENELEC.

Compared to IEC 60793-1:1989 and IEC 60793-2:1992, IEC/SC 86A has adopted a revised structure of the new IEC 60793 series: The individual measurement methods and test procedures for optical fibres are published as "Part 1-XX"; the product standards are published as "Part 2-XX".

The general relationship between the new series of EN 60793 and the superseded European Standards of the EN 188000 series is as follows:

EN	Title	supersedes
EN 60793-1-XX	Optical fibres -- Part 1-XX: Measurement methods and test procedures	Individual subclauses of EN 188000:1992
EN 60793-2-XX	Optical fibres -- Part 2-XX: Product specifications	EN 188100:1995 EN 188101:1995 EN 188102:1995 EN 188200:1995 EN 188201:1995 EN 188202:1995

EN 60793-1-5X consists of the following parts, under the general title: Optical fibres:

- Part 1-50: Measurement methods and test procedures – Damp heat (steady state)
- Part 1-51: Measurement methods and test procedures – Dry heat
- Part 1-52: Measurement methods and test procedures – Change of temperature
- Part 1-53: Measurement methods and test procedures – Water immersion

Endorsement notice

The text of the International Standard IEC 60793-1-52:2001 was approved by CENELEC as a European Standard without any modification.