

BS EN 60332-3-21:2009



BSI Standards Publication

Tests on electric and optical fibre cables under fire conditions

Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables — Category A F/R

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National foreword

This British Standard is the UK implementation of EN 60332-3-21:2009. It was derived by CENELEC from IEC 60332-3-21:2000. It supersedes BS EN 50266-2-1:2001 which is withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by tags (e.g. [C] <C>).

The UK participation in its preparation was entrusted by Technical Committee GEL/20, Electric cables, to Subcommittee GEL/20/18, Fire testing.

A list of organizations represented on this subcommittee 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.

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Amendments/corrigenda issued since publication

Amd. No.	Date	Text affected
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**Tests on electric and optical fibre cables under fire conditions -
Part 3-21: Test for vertical flame spread
of vertically-mounted bunched wires or cables -
Category A F/R
(IEC 60332-3-21:2000, modified)**

Essais des câbles électriques
et des câbles à fibres optiques
soumis au feu -
Partie 3-21: Essai de propagation verticale
de la flamme des fils ou câbles en nappes
en position verticale -
Catégorie A F/R
(CEI 60332-3-21:2000, modifiée)

Prüfungen an Kabeln, isolierten Leitungen
und Glasfaserkabeln im Brandfall -
Teil 3-21: Prüfung der vertikalen
Flammenausbreitung von vertikal
angeordneten Bündeln von Kabeln
und isolierten Leitungen -
Prüfart A F/R
(IEC 60332-3-21:2000, modifiziert)

This European Standard was approved by CENELEC on 2009-08-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of the International Standard IEC 60332-3-21:2000, prepared by IEC TC 20, Electric cables, together with the common modifications prepared by the Technical Committee CENELEC TC 20, Electric cables, was submitted to the CENELEC Unique Acceptance Procedure and was accepted by CENELEC as EN 60332-3-21 on 2009-08-01.

This European Standard supersedes EN 50266-2-1:2001 + corrigendum March 2002.

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) 2010-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2012-08-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60332-2-21:2000 was approved by CENELEC as a European Standard with agreed common modifications.

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 Where 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 60332-3-10	- ¹⁾	Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus	EN 60332-3-10	2009 ²⁾
IEC 60695-4	- ¹⁾	Fire hazard testing - Part 4: Terminology concerning fire tests	EN 60695-4	2006 ²⁾
IEC 60811-1-3	- ¹⁾	Insulating and sheathing materials of electric and optical cables - Common test methods - Part 1-3: General application - Methods for determining the density - Water absorption tests - Shrinkage test	EN 60811-1-3	1995 ²⁾
IEC Guide 104	- ¹⁾	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.