
**Preskusi na električnih kablji in kablji iz optičnih vlaken v požarnih razmerah
– 2-1. del: Preskus navpičnega širjenja ognja po posamezni majhni izolirani
žici ali kablu – Preskuševalna naprava**

Tests on electric and optical fibre cables under fire conditions – Part 2-1: Test for
vertical flame propagation for a single small insulated wire or cable – Apparatus
(IEC 60332-2-1:2004)

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EUROPEAN STANDARD

EN 60332-2-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2004

ICS 13.220.40; 29.020; 29.060.20

Partially supersedes EN 50265-1:1998

English version

Tests on electric and optical fibre cables under fire conditions
Part 2-1: Test for vertical flame propagation
for a single small insulated wire or cable -
Apparatus
(IEC 60332-2-1:2004)

Essais des câbles électriques
et à fibres optiques soumis au feu
Partie 2-1: Essai de propagation verticale
de la flamme sur conducteur
ou câble isolé de petite section -
Appareillage d'essai
(CEI 60332-2-1:2004)

Prüfungen an Kabeln, isolierten Leitungen
und Glasfaserkabeln im Brandfall
Teil 2-1: Prüfung der vertikalen
Flammenausbreitung an einer kleinen Ader,
einer kleinen isolierten Leitung
oder einem kleinen Kabel -
Prüfgerät
(IEC 60332-2-1:2004)

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This European Standard was approved by CENELEC on 2004-09-01. 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.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 20/699/FDIS, future edition 1 of IEC 60332-2-1, prepared by IEC TC 20, Electric cables, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60332-2-1 on 2004-09-01.

This European Standard, together with EN 60332-1-1, supersedes EN 50265-1:1998.

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) 2005-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-09-01

Annex ZA has been added by CENELEC

Endorsement notice

The text of the International Standard IEC 60332-2-1:2004 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60332-2-2 **NOTE** Harmonized as EN 60332-2-2:2004 (not modified).
[SIST EN 60332-2-1:2005](https://standards.iteh.ai/catalog/standards/sist/en-60332-2-1-2005)
<https://standards.iteh.ai/catalog/standards/sist/en-60332-2-2-2004> (not modified).

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 60695-4	- ¹⁾	Fire hazard testing Part 4: Terminology concerning fire tests	EN 60695-4	1995 ²⁾
IEC Guide 104	- ¹⁾	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-

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¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60332-2-1

Première édition
First edition
2004-07

PUBLICATION GROUPEE DE SÉCURITÉ
GROUP SAFETY PUBLICATION

**Essais des câbles électriques
et à fibres optiques soumis au feu –**

Partie 2-1:

Essai de propagation verticale de la flamme

**sur conducteur ou câble isolé de petite section –
Appareillage d'essai**

(standards.iteh.ai)

**Tests on electric and optical fibre cables
under fire conditions –**

Part 2-1:

Test for vertical flame propagation

**for a single small insulated wire or cable –
Apparatus**

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International Electrotechnical Commission, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TESTS ON ELECTRIC AND OPTICAL FIBRE CABLES
UNDER FIRE CONDITIONS –****Part 2-1: Test for vertical flame propagation
for a single small insulated wire or cable –
Apparatus**

FOREWORD

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International Standard IEC 60332-2-1 has been prepared by IEC technical committee 20: Electric cables.

It has the status of a group safety publication in accordance with IEC Guide 104.

This first edition of International Standard IEC 60332-2-1, together with IEC 60332-2-2, cancel and replace the third edition of IEC 60332-2, published in 1989, and constitute a technical revision, calling for the re-structurization of the standard into two separate parts.