Irish Standard
I.S. EN 50290-2-26:2002

Communication cables -- Part 2-26: Common design rules and construction - Halogen free flame retardant insulation compounds

I.S. EN 50290-2-26:2002

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Amendment
I.S. EN 50290-2-26:2002/A1:2007

Communication cables -- Part 2-26: Common design rules and construction - Halogen free flame retardant insulation compounds

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I.S. EN 50290-2-26:2002/A1:2007

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50290-2-26/A1

June 2007

ICS 29.035.20; 33.120.10

English version

Communication cables - Part 2-26: Common design rules and construction - Halogen free flame retardant insulation compounds

Câbles de communication - Partie 2-26: Règles de conception communes et construction - Mélanges pour enveloppes isolantes sans halogène et avec propagation retardée de flamme

Kommunikationskabel - Teil 2-26: Gemeinsame Regeln für Entwicklung und Konstruktion - Halogenfreie flammwidrige Isoliermischungen

This amendment A1 modifies the European Standard EN 50290-2-26:2002; it was approved by CENELEC on 2007-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 50290-2-26:2002/A1:2007 E

Foreword

This amendment to the European Standard EN 50290-2-26:2002 was prepared by a joint working group of the Technical Committee CENELEC TC 46X, Communication cables, and the Technical Committee CENELEC TC 86A, Optical fibres and optical fibre cables.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50290-2-26:2002 on 2007-03-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2008-03-01
– latest date by which the national standards conflicting with the amendment have to be withdrawn	(dow)	2010-03-01

This amendment introduces a new halogen free insulation compound grade for high temperature.

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EUROPEAN STANDARD **EN 50290-2-26**

NORME EUROPÉENNE

EUROPÄISCHE NORM January 2002

ICS 29.035.20; 33.120.10

Supersedes HD 624.6 S1:1995

English version

Communication cables
Part 2-26: Common design rules and construction – Halogen free flame retardant insulation compounds

Câbles de communication
Partie 2-26: Règles de conception communes et construction – Mélanges pour enveloppes isolantes sans halogène et avec propagation retardée de flamme

Kommunikationskabel
Teil 2-26: Gemeinsame Regeln für Entwicklung und Konstruktion - Halogenfreie flammwidrige Isoliermischungen

This European Standard was approved by CENELEC on 2001-11-01. 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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The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50290-2-26 on 2001-11-01.

This European Standard supersedes HD 624.6 S1:1995.

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)	2002-08-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2004-08-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexe A is normative.

This European Standard has been prepared under the European Mandate M/212 given to CENELEC by the European Commission and the European Free Trade Association.

1 Scope

This Part 2-26 of EN 50290 gives specific requirements for halogen free flame retardant insulation compounds used in communication cables.

It is to be read in conjunction with Part 2-20 of EN 50290.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 60811-1-1:1995	Insulating and sheathing materials of electric and optical cables - Common test methods -- Part 1-1: General application - Measurement of thickness and overall dimensions - Tests for determining the mechanical properties (IEC 60811-1-1:1993)
EN 60811-1-2:1995	Insulating and sheathing materials of electric cables - Common test methods Part 1-2: General application -- Thermal ageing methods (IEC 60811-1-2:1985 + corr. May 1986 + A1:1989)
EN 60811-1-3:1995	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 (IEC 60811-1-3:1993)
EN 60811-1-4:1995	Insulating and sheathing materials of electric and optical cables - Common test methods -- Part 1-4: General application - Tests at low temperature (IEC 60811-1-4:1985 + corr. May 1986 + A1:1993)
EN 60811-2-1:1998	Insulating and sheathing materials of electric and optical cables - Common test methods -- Part 2-1: Methods specific to elastomeric compounds - Ozone resistance, hot set and mineral oil immersion tests (IEC 60811-2-1:1998)
EN 60811-3-1:1995	Insulating and sheathing materials of electric and optical cables - Common test methods -- Part 3-1: Methods specific to PVC compounds - Pressure test at high temperature - Tests for resistance to cracking (IEC 60811-3-1:1985 + corr. May 1986)
HD 405.3 S1:1993	Tests on electric cables under fire conditions -- Part 3: Tests on bunched wires or cables (IEC 60332-3:1992)
IEC 60250:1969	Recommended methods for the determination of the permittivity and dielectric dissipation factor of electrical insulating materials at power, audio and radio frequencies including metre wavelengths
IEC 60754-2:1991 + A1:1997	Test on gases evolved during combustion of materials from cables - Determination of degree of acidity of gases by measuring pH and conductivity

3 Requirements

In case of specific applications, additional performances could be needed. Relevant test methods and requirements shall be included in the detail specification of the cables.