SVENSK STANDARD SS-EN 50290-2-27

Fastställd	Utgåva	Sida	Ingår i
2002-10-09	1	1 (1+5)	SEK Område 46C

Svenska Elektriska Kommissionen, SEK

Tele- och datakablar –
Del 2-27: Konstruktion och utförande –
Halogenfri flamskyddad mantelmassa av termoplast

Communication cables –
Part 2-27: Common design rules and construction –
Halogen free flame retardant thermoplastic sheathing compounds

Som svensk standard gäller europastandarden EN 50290-2-27:2002. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50290-2-27:2002.

Nationellt förord

Standarden skall användas tillsammans med SS-EN 50290-2-20.

Tidigare utgiven svensk standard SS 424 16 24-7, utgåva 1, 1997, gäller ej fr o m 2004-08-01.

ICS 29.035.20; 33.120.10

Denna standard är fastställd av Svenska Elektriska Kommissionen, SEK,
som också kan lämna upplysningar om **sakinnehållet** i standarden.
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EUROPEAN STANDARD **EN 50290-2-27**

NORME EUROPÉENNE

EUROPÄISCHE NORM January 2002

ICS 29.035.20; 33.120.10 Supersedes HD 624.7 S1:1994

English version

Communication cables
Part 2-27: Common design rules and construction – Halogen free flame retardant thermoplastic sheathing compounds

Câbles de communication
Partie 2-27: Règles de conception communes et construction – Mélanges pour gainage thermoplastique sans halogène et avec propagation retardée de flamme

Kommunikationskabel
Teil 2-27: Gemeinsame Regeln für Entwicklung und Konstruktion - Halogenfreie flammwidrige thermoplastische Mantelmischungen

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 50290-2-27:2002 E

Foreword

This European Standard was prepared by a joint working group of the Technical Committees CENELEC TC 46X, Communication cables, and 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 EN 50290-2-27 on 2001-11-01.

This European Standard supersedes HD 624.7 S1:1994.

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– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2004-08-01

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.

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1 Scope

This Part 2-27 of EN 50290 gives specific requirements for halogen free flame retardant thermoplastic sheathing 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 60811-1-4:1995	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 60811-3-1:1995	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 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