



NSAI
Standards

Irish Standard
I.S. EN 60794-2-30:2008

Optical fibre cables -- Part 2-30: Indoor cables - Family specification for ribbon cables (IEC 60794-2-30:2008 (EQV))

I.S. EN 60794-2-30:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. EN 60794-2-30:2003	<i>This document is based on:</i> EN 60794-2-30:2008 EN 60794-2-30:2003	<i>Published:</i> 3 December, 2008 14 March, 2003	
This document was published under the authority of the NSAI and comes into effect on: 26 January, 2009		ICS number: 33.180.10	
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Údarás um Chaighdeáin Náisiúnta na hÉireann			

English version

**Optical fibre cables -
Part 2-30: Indoor cables -
Family specification for ribbon cables
(IEC 60794-2-30:2008)**

Câbles à fibres optiques -
Partie 2-30: Câbles intérieurs -
Spécification de famille
relative aux câbles à rubans
(CEI 60794-2-30:2008)

Lichtwellenleiterkabel -
Teil 2-30: Innenkabel -
Familienspezifikation
für Bandkabel
(IEC 60794-2-30:2008)

This European Standard was approved by CENELEC on 2008-11-01. 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.

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: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of document 86A/1233/FDIS, future edition 2 of IEC 60794-2-30, 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 60794-2-30 on 2008-11-01.

This European Standard supersedes EN 60794-2-30:2003.

The main changes are listed below:

- Subclause 5.4 has been detailed according to the fibre type;
- Annex A has been added to show an example of cable construction;
- Annex B has been added which is a blank detail specification including Mice classification and requirements;
- a bibliography has been added.

This standard is to be used in conjunction with EN 60794-1-1, EN 60794-1-2 and EN 60794-2.

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) 2009-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60794-2-30:2008 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60654	NOTE	Harmonized in EN 60654 series (not modified).
IEC 60721	NOTE	Harmonized in EN 60721 series (not modified).
IEC 60793-1-21	NOTE	Harmonized as EN 60793-1-21:2002 (not modified).
IEC 60793-2-50	NOTE	Harmonized as EN 60793-2-50:2008 (not modified).
IEC 61000-6-2	NOTE	Harmonized as EN 61000-6-2:2005 (not modified).
IEC 61326	NOTE	Harmonized as EN 61326:1997 (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 When 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 60304	1982	Standard colours for insulation for low-frequency cables and wires	HD 402 S2	1984
IEC 60793-1-20	- ¹⁾	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry	EN 60793-1-20	2002 ²⁾
IEC 60793-1-40 (mod)	- ¹⁾	Optical fibres - Part 1-40: Measurement methods and test procedures - Attenuation	EN 60793-1-40	2003 ²⁾
IEC 60793-1-44	- ¹⁾	Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength	EN 60793-1-44	2002 ²⁾
IEC 60793-2	- ¹⁾	Optical fibres - Part 2: Product specifications - General	EN 60793-2	2008 ²⁾
IEC 60793-2-10	- ¹⁾	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2007 ²⁾
IEC 60794-1-1	- ¹⁾	Optical fibre cables - Part 1-1: Generic specification - General	EN 60794-1-1	2002 ²⁾
IEC 60794-1-2	- ¹⁾	Optical fibre cables - Part 1-2: Generic specification - Basic optical cable test procedures	EN 60794-1-2	2003 ²⁾
IEC 60794-2	- ¹⁾	Optical fibre cables - Part 2: Indoor cables - Sectional specification	EN 60794-2	2003 ²⁾
IEC 60794-3	- ¹⁾	Optical fibre cables - Part 3: Sectional specification - Outdoor cables	EN 60794-3	2002 ²⁾
IEC 60811-1-1	1993	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	EN 60811-1-1	1995
IEC 60811-1-4	1985	Insulating and sheathing materials of electric and optical cables - Common test methods - Part 1-4: General application - Tests at low temperature	EN 60811-1-4 ³⁾	1995

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

³⁾ EN 60811-1-4 includes A1:1993 to IEC 60811-1-4 + corr. May 1986.

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