



**NSAI**  
Standards

Irish Standard  
I.S. EN 60794-3-30:2008

Optical fibre cables -- Part 3-30:  
Outdoor cables - Family specification  
for optical telecommunication cables  
for lakes, river crossings and coastal  
application (IEC 60794-3-30:2008  
(EQV))

## I.S. EN 60794-3-30:2008

*Incorporating amendments/corrigenda issued since publication:*

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**EUROPEAN STANDARD**

**EN 60794-3-30**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

November 2008

ICS 33.180.10

Supersedes EN 60794-3-30:2003

English version

**Optical fibre cables -  
Part 3-30: Outdoor cables -  
Family specification for optical telecommunication cables  
for lakes, river crossings and coastal application  
(IEC 60794-3-30:2008)**

Câbles à fibres optiques -  
Partie 3-30: Câbles extérieurs -  
Spécification de famille  
pour les câbles optiques  
de télécommunication utilisés  
pour les traversées de lacs, de rivières,  
et pour applications côtières  
(CEI 60794-3-30:2008)

Lichtwellenleiterkabel -  
Teil 3-30: Außenkabel -  
Familienspezifikation  
für LWL-Fernmeldekabel  
für die Durchquerung  
von Seen und Flüssen und  
für Küstenanwendungen  
(IEC 60794-3-30:2008)

This European Standard was approved by CENELEC on 2008-10-01. 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**

## I.S. EN 60794-3-30:2008

EN 60794-3-30:2008

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### Foreword

The text of document 86A/1203/FDIS, future edition 2 of IEC 60794-3-30, 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 60794-3-30 on 2008-10-01.

This European Standard supersedes EN 60794-3-30:2003.

The main changes with respect to EN 60794-3-30:2003 are listed below:

- the title of the specification has been updated to include coastal applications;
- fibre specifications have been enlarged to include fibre Type B5;
- an annex has been added for additional requirements according to the MICE table.

This European Standard is to be read in conjunction with EN 60794-1-1, EN 60794-1-2 and EN 60794-3.

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) 2009-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2011-10-01

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### Endorsement notice

The text of the International Standard IEC 60794-3-30:2008 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 60654-4	NOTE	Harmonized as EN 60654-4:1997 (not modified).
IEC 60721	NOTE	Harmonized in EN 60721 series (not modified).
IEC 60721-1	NOTE	Harmonized as EN 60721-1:1995 (not modified).
IEC 60721-3-3	NOTE	Harmonized as EN 60721-3-3:1995 (not modified).
IEC 61000-6-2	NOTE	Harmonized as EN 61000-6-2:2005 (not modified).
IEC 61918	NOTE	Harmonized as EN 61918:2008 (modified).

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## 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.

**Addition to Annex ZA of EN 60794-1-1, EN 60794-1-2 and EN 60794-3:**

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-48	- <sup>1)</sup>	Optical fibres - Part 1-48: Measurement methods and test procedures - Polarization mode dispersion	EN 60793-1-48	2007 <sup>2)</sup>
IEC 60793-2-50	- <sup>1)</sup>	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2008 <sup>2)</sup>

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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