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**Optični kabli – 3-12. del: Kabli za zunanjo montažo – Podrobna specifikacija za optične telekomunikacijske kable v kanalih ali neposredno zakopane za okablenje prostorov (IEC 60794-3-12:2005)**

Optical fibre cables – Part 3-12: Outdoor cables – Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling (IEC 60794-3-12:2005)

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**Optical fibre cables  
Part 3-12: Outdoor cables -  
Detailed specification for duct and directly buried optical  
telecommunication cables for use in premises cabling  
(IEC 60794-3-12:2005)**

Câbles à fibres optiques  
Partie 3-12: Câbles extérieurs -  
Spécification particulière pour les câbles  
optiques de télécommunication destinés  
à être installés dans les conduites  
ou à être directement enterrés  
et utilisés dans le câblage de locaux  
(CEI 60794-3-12:2005)

Lichtwellenleiterkabel  
Teil 3-12: LWL-Außenkabel -  
Bauartspezifikation für  
LWL-Fernmelde-Erd- und Röhrenkabel für  
anwendungsneutrale Standortverkabelung  
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This European Standard was approved by CENELEC on 2005-12-01. 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, 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**

## Foreword

The text of document 86A/1000/FDIS, future edition 1 of IEC 60794-3-12, 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 60794-3-12 on 2005-12-01.

This standard shall be used in conjunction with EN 60794-1-1:2002, EN 60794-1-2:2003, EN 60794-3:2002 and EN 60794-3-10:2002.

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) 2006-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-12-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60794-3-12:2005 was approved by CENELEC as a European Standard without any modification.

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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 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 60793-2-10	2002	Optical fibres Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres	EN 60793-2-10	2002 <sup>1)</sup>
IEC 60793-2-50	2004	Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	2004
IEC 60794-1-1	2001	Optical fibre cables Part 1-1: Generic specification - General	EN 60794-1-1	2002
IEC 60974-1-2	2003	Part 1-2: Generic specification - Basic optical cable test procedures	EN 60974-1-2	2003
IEC 60794-3	2001	Part 3: Sectional specification - Outdoor cables	EN 60794-3	2002
IEC 60794-3-10	2002	Part 3-10: Outdoor cables - Family specification for duct and directly buried optical telecommunication cables	EN 60794-3-10	2002

<sup>1)</sup> EN 60793-2-10 is superseded by EN 60793-2-10:2004, which is based on IEC 60793-2-10:2004.

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**Câbles à fibres optiques –**

**Partie 3-12:**

**Câbles extérieurs –**

**Spécification particulière pour les câbles optiques  
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**Optical fibre cables –**

**Part 3-12:**

**Outdoor cables –**

**Detailed specification for duct and directly buried  
optical telecommunication cables for use in  
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International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## OPTICAL FIBRE CABLES –

**Part 3-12: Outdoor cables –  
Detailed specification for duct and directly buried optical  
telecommunication cables for use in premises cabling**

## FOREWORD

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International Standard IEC 60794-3-12 has been prepared by subcommittee SC86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

This first edition of IEC 60794-3-12 cancels and replaces IEC/PAS 60794-3-12, published in March 2004.

This standard shall be used in conjunction with IEC 60794-1-1, IEC 60794-1-2, IEC 60794-3 Ed. 2, and IEC 60794-3-10.