
Optični kabli - 2-31. del: Notranji kabli - Podrobna specifikacija za optične tračne kable za okablenje prostorov (IEC 60794-2-31:2005)

Optical fibre cables -- Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling

Lichtwellenleiterkabel -- Teil 2-31: LWL-Innenkabel - Bauartspezifikation für LWL-Bandkabel zur Innenverlegung für anwendungsneutrale Standortverkabelung

Câbles à fibres optiques -- Partie 2-31: Câbles intérieurs - Spécification particulière pour les câbles à fibres optiques en ruban utilisés dans le câblage de locaux

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EUROPEAN STANDARD
 NORME EUROPÉENNE
 EUROPÄISCHE NORM

EN 60794-2-31

January 2006

ICS 33.180.10

English version

**Optical fibre cables
 Part 2-31: Indoor cables –
 Detailed specification for optical fibre ribbon cables
 for use in premises cabling
 (IEC 60794-2-31:2005)**

Câbles à fibres optiques
 Partie 2-31: Câbles intérieurs -
 Spécification particulière pour les câbles
 à fibres optiques en ruban utilisés
 dans le câblage de locaux
 (CEI 60794-2-31:2005)

Lichtwellenleiterkabel
 Teil 2-31: LWL-Innenkabel -
 Bauartspezifikation für LWL-Bandkabel
 zur Innenverlegung für
 anwendungsneutrale Standortverkabelung
 (IEC 60794-2-31:2005)

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SIST EN 60794-2-31:2006

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.

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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/996/FDIS, future edition 1 of IEC 60794-2-31, 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 60794-2-31 on 2005-12-01.

This standard is to be used in conjunction with EN 60794-1-1:2002, EN 60794-1-2:2003, EN 60794-2:2003 and EN 60794-2-30:2003.

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) 2006-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-12-01

This European Standard makes reference to International Standards. Where the International Standard referred to has been endorsed as a European Standard or a home-grown European Standard exists, this European Standard shall be applied instead. Pertinent information can be found on the CENELEC web site.

Endorsement notice

The text of the International Standard IEC 60794-2-31:2005 was approved by CENELEC as a European Standard without any modification.

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**NORME
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60794-2-31

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Câbles à fibres optiques –

Partie 2-31:

Câbles intérieurs –

**Spécification particulière pour les
câbles à fibres optiques en ruban
utilisés dans le câblage de locaux**

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Part 2-31:

Indoor cables –

**Detailed specification for optical fibre ribbon
cables for use in premises cabling**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

OPTICAL FIBRE CABLES –

**Part 2-31: Indoor cables –
Detailed specification for optical fibre ribbon cables
for use in premises cabling**

FOREWORD

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International Standard IEC 60794-2-31 has been prepared by subcommittee SC86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

This first edition of IEC 60794-2-31 cancels and replaces IEC/PAS 60794-2-31, published in March 2004.

This standard is to be used in conjunction with IEC 60794-1-1, IEC 60794-1-2, IEC 60794-2, and IEC 60794-2-30.

The text of this standard is based on the following documents:

FDIS	Report on voting
86A/996/FDIS	86A/1003/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 60794 consists of the following parts, under the general title *Optical fibre cables*:

- Part 1-1: Generic specification – General
- Part 1-2: Generic specification – Basic optical cable test procedures
- Part 2: Indoor cables – Sectional specification
- Part 2-10: Indoor cables – Family specification for simplex and duplex cables
- Part 2-11: Indoor cables – Detailed specification for simplex and duplex cables for use in premises cabling
- Part 2-20: Indoor cables – Family specification for multi-fibre optical distribution cables
- Part 2-21: Indoor cables – Detailed specification for multi-fibre optical distribution cables for use in premises cabling
- Part 2-30: Indoor cables – Family specification for optical fibre ribbon cables
- Part 2-31: Indoor cables – Detailed specification for optical fibre ribbon cables for use in premises cabling
- Part 3 : Sectional specification – Outdoor cables
- Part 3-10: Outdoor cables – Family specification for duct and directly buried optical telecommunication cables
- Part 3-12: Outdoor cables – Detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling
- Part 3-20: Outdoor cables – Family specification for optical self-supporting aerial telecommunication cables
- Part 3-21: Outdoor cables – Detailed specification for optical self-supporting aerial telecommunication cables for use in premises cabling
- Part 3-30: Outdoor cables – Family specification for optical telecommunication cables for lake and river crossings
- Part 4 : Sectional specification – Aerial optical cables along electrical power lines

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn;
- replaced by a revised edition, or
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