



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61196-3-3:1999**

ICS 33.120.10  
35.110

**RADIO FREQUENCY CABLES. PART 3-3:  
COAXIAL CABLES FOR DIGITAL  
COMMUNICATION IN HORIZONTAL FLOOR  
WIRING DETAIL SPECIFICATION FOR  
COAXIAL CABLES WITH FOAMED  
DIELECTRIC FOR LOCAL AREA NETWORKS  
OF 185 M REACH AND UP TO 10 MB/S  
(IEC 61196-3-3:1997)**

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**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 61196-3-3**

November 1997

ICS 33.120.10

English version

**Radio frequency cables**  
**Part 3-3: Coaxial cables for digital communication in horizontal floor wiring**  
**Detail specification for coaxial cables with foamed dielectric for local area**  
**networks of 185 m reach and up to 10 Mb/s**  
**(IEC 61196-3-3:1997)**

Câbles pour fréquences radioélectriques  
Partie 3-3: Câbles coaxiaux pour  
transmission numérique destinés au  
câblage horizontal des immeubles  
Spécification particulière pour les câbles  
coaxiaux avec diélectrique expansé pour  
réseaux locaux jusqu'à 185 m, et de  
débit maximal 10 Mb/s  
(CEI 61196-3-3:1997)

Hochfrequenzkabel  
Teil 3-3: Koaxialkabel für  
Etagenverkabelung in der digitalen  
Kommunikation - Bauartspezifikation für  
Koaxialkabel mit geschäumtem  
Dielektrikum für lokale Netze mit 185 m  
Reichweite und bis 10 Mb/s  
(IEC 61196-3-3:1997)

This European Standard was approved by CENELEC on 1997-10-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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 46A/290/FDIS, future edition 1 of IEC 61196-3-3, prepared by SC 46A, Coaxial cables, of IEC TC 46, Cables, wires, waveguides, R.F. connectors, and accessories for communication and signalling, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61196-3-3 on 1997-10-01.

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) 1998-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1998-07-01

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### **Endorsement notice**

The text of the International Standard IEC 61196-3-3:1997 was approved by CENELEC as a European Standard without any modification.

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**61196-3-3**

Première édition  
First edition  
1997-09

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**Câbles pour fréquences radioélectriques –**

**Partie 3-3:**

**Câbles coaxiaux pour transmission numérique  
destinés au câblage horizontal des immeubles –  
Spécification particulière pour les câbles coaxiaux  
avec diélectrique expansé pour réseaux locaux  
jusqu'à 185 m, et de débit maximal de 10 Mb/s**

**Radio frequency cables –**

**Part 3-3:**

**Coaxial cables for digital communication  
in horizontal floor wiring –  
Detail specification for coaxial cables with foamed  
dielectric for local area networks of 185 m reach  
and up to 10 Mb/s**



Numéro de référence  
Reference number  
CEI/IEC 61196-3-3:1997

## Numéros des publications

Depuis le 1<sup>er</sup> janvier 1997, les publications de la CEI sont numérotées à partir de 60000.

## Publications consolidées

Les versions consolidées de certaines publications de la CEI incorporant les amendements sont disponibles. Par exemple, les numéros d'édition 1.0, 1.1 et 1.2 indiquent respectivement la publication de base, la publication de base incorporant l'amendement 1, et la publication de base incorporant les amendements 1 et 2.

## Validité de la présente publication

Le contenu technique des publications de la CEI est constamment revu par la CEI afin qu'il reflète l'état actuel de la technique.

Des renseignements relatifs à la date de reconfirmation de la publication sont disponibles dans le Catalogue de la CEI.

Les renseignements relatifs à ces révisions, à l'établissement des éditions révisées et aux amendements peuvent être obtenus auprès des Comités nationaux de la CEI et dans les documents ci-dessous:

- **Bulletin de la CEI**
- **Annuaire de la CEI**  
Accès en ligne\*
- **Catalogue des publications de la CEI**  
Publié annuellement et mis à jour régulièrement (Accès en ligne)\*

## Terminologie, symboles graphiques et littéraux

En ce qui concerne la terminologie générale, le lecteur se reportera à la CEI 60050: *Vocabulaire Electrotechnique International* (VEI).

Pour les symboles graphiques, les symboles littéraux et les signes d'usage général approuvés par la CEI, le lecteur consultera la CEI 60027: *Symboles littéraux à utiliser en électrotechnique*, la CEI 60417: *Symboles graphiques utilisables sur le matériel. Index, relevé et compilation des feuilles individuelles*, et la CEI 60617: *Symboles graphiques pour schémas*.

## Publications de la CEI établies par le même comité d'études

L'attention du lecteur est attirée sur les listes figurant à la fin de cette publication, qui énumèrent les publications de la CEI préparées par le comité d'études qui a établi la présente publication.

\* Voir adresse «site web» sur la page de titre.

## Numbering

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Consolidated versions of some IEC publications including amendments are available. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

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The technical content of IEC publications is kept under constant review by the IEC, thus ensuring that the content reflects current technology.

Information relating to the date of the reconfirmation of the publication is available in the IEC catalogue.

Information on the revision work, the issue of revised editions and amendments may be obtained from IEC National Committees and from the following IEC sources:

- **IEC Bulletin**
- **IEC Yearbook**  
On-line access\*
- **Catalogue of IEC publications**  
Published yearly with regular updates (On-line access)\*

## Terminology, graphical and letter symbols

For general terminology, readers are referred to IEC 60050: *International Electrotechnical Vocabulary* (IEV).

For graphical symbols, and letter symbols and signs approved by the IEC for general use, readers are referred to publications IEC 60027: *Letter symbols to be used in electrical technology*, IEC 60417: *Graphical symbols for use on equipment. Index, survey and compilation of the single sheets* and IEC 60617: *Graphical symbols for diagrams*.

## IEC publications prepared by the same technical committee

The attention of readers is drawn to the end pages of this publication which list the IEC publications issued by the technical committee which has prepared the present publication.

\* See web site address on title page.

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