



National Standards Authority of Ireland

I.S. EN 6158-7:1999

ICS 17.020  
33.120.10

**METHODS OF MEASUREMENT FOR  
WAVEGUIDES. PART 7: GRAPHICAL METHOD  
FOR THE DETERMINATION OF WAVEGUIDE  
PERFORMANCE (IEC 1580-7:1996)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61580-7**

August 1996

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ICS 33.120.10

Descriptors: Waveguides, graphical method for the determination of performance

English version

**Methods of measurement for waveguides  
Part 7: Graphical method for the determination of  
waveguide performance  
(IEC 1580-7:1996)**

Méthodes de mesure appliquées  
aux guides d'ondes  
Partie 7: Méthode graphique pour  
déterminer les performances d'un  
guide d'ondes  
(CEI 1580-7:1996)

Meßverfahren für Hohlleiter  
Teil 7: Graphisches Verfahren zur  
Bestimmung der Hohlleiter-  
eigenschaften  
(IEC 1580-7:1996)

This European Standard was approved by CENELEC on 1996-07-02. 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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, 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 46B/208/FDIS, future edition 1 of IEC 1580-7, prepared by SC 46B, Waveguides and their accessories, 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 61580-7 on 1996-07-02.

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) 1997-04-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1997-04-01

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### Endorsement notice

The text of the International Standard IEC 1580-7:1996 was approved by CENELEC as a European Standard without any modification.

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**1580-7**

Première édition  
First edition  
1996-06

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**Méthodes de mesure appliquées  
aux guides d'ondes –**

**Partie 7:  
Méthode graphique pour déterminer  
les performances d'un guide d'ondes**

**Methods of measurement for waveguides –**

**Part 7:  
Graphical method for the determination  
of waveguide performance**



Numéro de référence  
Reference number  
CEI/IEC 1580-7: 1996

## 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 des questions à l'étude et des travaux en cours entrepris par le comité technique qui a établi cette publication, ainsi que la liste des publications établies, se trouvent dans les documents ci-dessous:

- «Site web» de la CEI\*
- **Catalogue des publications de la CEI**  
Publié annuellement et mis à jour régulièrement (Catalogue en ligne)\*
- **Bulletin de la CEI**  
Disponible à la fois au «site web» de la CEI\* et comme périodique imprimé

## 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*.

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

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- **IEC web site\***
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- **IEC Bulletin**  
Available both at the IEC web site\* and as a printed periodical

## 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*.

\* See web site address on title page.

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