



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60835-2-9:1999

ICS 33.060.30

**METHODS OF MEASUREMENT FOR  
EQUIPMENT USED IN DIGITAL MICROWAVE  
RADIO TRANSMISSION SYSTEMS. PART 2:  
MEASUREMENTS ON TERRESTRIAL  
RADIO-RELAY SYSTEMS -  
SECTION 9: SERVICE CHANNELS  
(IEC 60835-2-9:1995)**

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EUROPEAN STANDARD

**EN 60835-2-9**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1995

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ICS 33.060.30

Descriptors: Telecommunications, radiocommunications, communication equipment, digital technics, radio-relay systems, microwave frequencies, transmission channels, measurements

English version

**Methods of measurement for equipment used in  
digital microwave radio transmission systems  
Part 2: Measurements on terrestrial radio-relay systems  
Section 9: Service channels  
(IEC 835-2-9:1995)**

Méthodes de mesure applicables  
au matériel utilisé pour les systèmes  
de transmission numérique en  
hyperfréquence  
Partie 2: Mesures applicables aux  
faisceaux hertziens terrestres  
Section 9: Voies de service  
(CEI 835-2-9:1995)

Meßverfahren für Geräte in digitalen  
Mikrowellen  
Funkübertragungssystemen  
Teil 2: Messungen an terrestrischen  
Richtfunksystemen  
Hauptabschnitt 9: Dienstkanäle  
(IEC 835-2-9:1995)

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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**

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 12E/246/DIS, future edition 1 of IEC 835-2-9, prepared by SC 12E, Radio-relay and fixed satellite communication systems, of IEC TC 12, Radiocommunications, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60835-2-9 on 1995-11-28.

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) 1996-09-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1996-09-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annex A is informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 835-2-9:1995 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**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When 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 835-1-2	1992	Methods of measurement for equipment used in digital microwave radio transmission systems Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations Section 2: Basic characteristics	EN 60835-1-2	1993
IEC 835-1-3	1992	Section 3: Transmission characteristics	EN 60835-1-3	1995
IEC 835-1-4	1992	Section 4: Transmission performance	EN 60835-1-4	1995
IEC 835-2-4	1993	Part 2: Measurements on terrestrial radio-relay systems Section 4: Transmitter/receiver including modulator/demodulator	EN 60835-2-4	1995



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