



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60835-1-1 : 1993

ICS 33.060.30

**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 1: GENERAL (IEC 835-1-1:1990)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

NORME EUROPEENNE

EUROPÄISCHE NORM

November 1992

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Descriptors: Radiocommunications, telecommunications, communication equipment, earth stations, satellite broadcasting, radio-relay systems, tests, measurements, characteristics, general

ENGLISH VERSION

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 One: General
(IEC 835-1-1:1990)

Méthodes de mesure applicables
au matériel utilisé pour les
systèmes de transmission
numérique en hyperfréquence
Première partie: Mesures
communes aux faisceaux hertziens
terrestres et aux stations
terriennes de télécommunications
par satellite
Section un: Généralités
(CEI 835-1-1:1990)

Meßverfahren für
Geräte in digitalen
Mikrowellen-Übertragungssystemen
Teil 1: Messungen an
terrestrischen Richtfunksystemen
und Satelliten-Erdfunkstellen
Hauptabschnitt eins: Allgemeines
(IEC 835-1-1:1990)

This European Standard was approved by CENELEC on 1992-09-15.
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,
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

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FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 835-1-1:1990 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60835-1-1 on 15 September 1992.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1993-09-01
- latest date of withdrawal of conflicting national standards (dow) 1993-09-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

ENDORSEMENT NOTICE

The text of the International Standard IEC 835-1-1:1990 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication -----	Date ----	Title -----	EN/HD -----	Date ----
68		Environmental testing		
68-1	1988	Part 1: General and guidance	HD 323.1 S2	1988
		Part 2: Tests		
68-2-1	1974	Tests A: Cold	HD 323.2.1 S2*	1987
68-2-2	1974	Test B: Dry heat	HD 323.2.2 S1*	1988
68-2-3	1969	Test Ca: Damp heat, steady state	HD 323.2.3 S2*	1987
68-2-30	1980	Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)	HD 323.2.30 S3*	1988
76	1967	Power transformers	-	-
84	1957	Recommendations for mercury-arc convertors	-	-
119	1960	Recommendation for polycrystalline semiconductor rectifier stacks and equipment	-	-
215	1987	Safety requirements for radio	EN 60215	1989
A1	1990	transmitting equipment	EN 60215/A1	1992
CISPR 16	1987	C.I.S.P.R. specification for radio interference measuring apparatus and measurement methods	-	-

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- * HD 323.2.1 S2 includes A1:1983 to IEC 68-2-1
 HD 323.2.2 S1 includes IEC 68-2-2A
 HD 323.2.3 S2 includes A1:1984 to IEC 68-2-3
 HD 323.2 30 S3 includes A1:1985 to IEC 68-2-30

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