

Handläggande organ

Svenska Elektriska Kommissionen, SEK

Fastställt

1996-08-30

Utgåva

1

Ingår i

SEK Översikt 209

Registrering

Reg 447 05 27

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Ledningsbundna distributionssystem för television och ljudradio – Del 7: Systemfordringar

Cabled distribution systems for television and sound signals – Part 7: System performance

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Ledningsbundna distributionssystem för television och ljudradio – Del 7: Systemfordringar

*Cabled distribution systems for television and sound signals -
Part 7: System performance*

Som svensk standard gäller europastandarden EN 50083-7:1996. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50083-7:1996.

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Tryckt i oktober 1996

Descriptors: Telecasting, cable television, sound broadcasting, television broadcasting, coaxial cables, measurements, characteristics

English version

**Cabled distribution systems for television and sound signals
Part 7: System performance**

Systèmes de distribution par câble
destinés aux signaux de radiodiffusion
sonore et de télévision
Partie 7: Caractéristiques des systèmes

Kabelverteilsysteme für Fernseh- und
Tonsignale
Teil 7: Systemanforderungen

This European Standard was approved by CENELEC on 1995-11-28. 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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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

FOREWORD

This European standard was prepared by CENELEC Technical Committee TC 209 "Cabled distribution systems for television and sound signals".

After having failed in the UAP, started in September 1993, a reworked draft was submitted to the formal vote and was approved by CENELEC as EN 50083-7 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

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1 Scope

This standard is applicable to any cabled distribution system (including individual receiving systems) having a coaxial cable output and primarily intended for television and sound signals operating between about 30 MHz and 1750 MHz.

This standard lays down the basic methods of measurement of the operational characteristics of cabled distribution systems having coaxial cable outputs in order to assess the performance of those systems and their performance limits.

All requirements refer to the performance limits which shall be obtained between the input(s) to the headend or headends and any system outlet when terminated in a resistance equal to the nominal load impedance of the system, unless otherwise specified. Where system outlets are not used, the above applies at the subscriber's end of the subscriber's feeder.

NOTE 1: Methods of measurement described in this standard are considered as basic. However, any equivalent method that ensures at least the same accuracy may be used.

NOTE 2: If the system operator wishes to subdivide the system into a number of parts, the accumulation of degradations should not exceed the figures given below.

NOTE 3: An extension of the frequency range to that from 5 MHz to 2050 MHz (3000 MHz) will be considered for future work.

2 Normative references

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 by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 50083		Cabled distribution systems for television and sound signals
EN 50083-2	1995	Part 2: Electromagnetic compatibility for equipment
EN 50083-3	1994	Part 3: Active coaxial wideband distribution equipment
EN 50083-4	1994	Part 4: Passive coaxial wideband distribution equipment
EN 50083-5	1994	Part 5: Headend equipment
EN 50083-6	1994	Part 6: Optical equipment

EN 60068/ HD 323 series		Environmental testing/ Basic environmental testing procedures
ETS 300-158	1992	Satellite Earth Stations (SES); Television Receive Only (TVRO) Satellite Earth Stations operating in the 11/12 GHz FSS bands
ETS 300-249	1993	Satellite Earth Stations (SES); Television Receive Only (TVRO) Satellite Earth Stations operating in the 12 GHz BSS band
IEC 50(60)	1970	International Electrotechnical Vocabulary, Chapter 60: Radiocommunications
IEC 728-1	1986	Cabled distribution systems; Part 1: Systems primarily intended for sound and television signals operating between 30 MHz and 1 GHz
CISPR 16-1	1993	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1: Radio disturbance and immunity measuring apparatus

[illegible]