

SLOVENSKI STANDARD**SIST EN 60728-5:2008****01-julij-2008****BUXca Yý U.****SIST EN 50083-5:2003**

**Kabelska omrežja za televizijske in zvokovne signale ter interaktivne storitve - 5.
del: Oprema glavne sprejemne postaje (IEC 60728-5:2007)**

Cable networks for television signals, sound signals and interactive services - Part 5:
Headend equipment (IEC 60728-5:2007)

Kabelnetze für Fernsehsignale, Tonsignale und interaktive Dienste - Teil 5: Geräte für
Kopfstellen (IEC 60728-5:2007) **iTEh STANDARD PREVIEW** [\(standards.iteh.ai\)](http://standards.iteh.ai/)

Réseaux de distribution par câbles pour ~~signaux de~~ télévision, signaux de radiodiffusion
sonore et services interactifs - Partie 5: Équipements de tête de réseau (CEI 60728-
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EUROPEAN STANDARD
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**Cable networks for television signals,
sound signals and interactive services -
Part 5: Headend equipment
(IEC 60728-5:2007)**

Réseaux de distribution par câbles
pour signaux de télévision,
signaux de radiodiffusion sonore
et services interactifs -
Partie 5: Equipements de tête de réseau
(CEI 60728-5:2007)

Kabelnetze für Fernsehsignale,
Tonsignale und interaktive Dienste -
Teil 5: Geräte für Kopfstellen
(IEC 60728-5:2007)

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This European Standard was approved by CENELEC on 2008-04-01. 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.
SIST EN 60728-5:2008
halbmonatliche Aktualisierung
e30e26f1dd93/sist-en-60728-5-2008

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 two official versions (English and 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 100/1244/FDIS, future edition 2 of IEC 60728-5, prepared by technical area 5, Cable networks for television signals, sound signals and interactive services, of IEC TC 100, Audio, video and multimedia systems and equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60728-5 on 2008-04-01.

This European Standard supersedes EN 50083-5:2001.

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) 2009-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-04-01

For this European Standard the informative Annex D of IEC 60728-5:2007 shall be disregarded and has been replaced by the normative Annex ZB, *Special national conditions*.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

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The text of the International Standard IEC 60728-5:2007 was approved by CENELEC as a European Standard without any modification. (standards.iteh.ai)

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- IEC 60169-8 [SIST EN 60728-5:2008](https://standards.iteh.ai/catalog/standards/558841805954d2c40b1e97ed-c30e26f1dd93/sist-en-60728-5-2008)
NOTE IEC 60169-8:1986 is superseded by IEC 61169-8:2007, which is harmonized as EN 61169-8:2007 (not modified).
- IEC 61169-2 NOTE IEC 61169-2:2001 is superseded by IEC 61169-2:2007, which is harmonized as EN 61169-2:2007 (not modified).
-

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Where a standard cited below belongs to the EN 50000 series, the European Standard applies instead of the relevant International Standard.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for 11/12 GHz satellite services	ETSI EN 300 421	⁻¹⁾
	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for cable systems	ETSI EN 300 429	⁻¹⁾
	-	Digital Video Broadcasting (DVB): Specification for Service Information (SI) in DVB systems	ETSI EN 300 468	⁻¹⁾
	-	Digital Video Broadcasting (DVB): Satellite Master Antenna Television (SMATV) distribution systems	ETSI EN 300 473	⁻¹⁾
		Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for digital terrestrial television	ETSI EN 300 744	⁻¹⁾
	-	Digital Video Broadcasting (DVB): Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications	ETSI EN 302 307	⁻¹⁾
	-	Television systems; NICAM 728: transmission of two-channel digital sound with terrestrial television systems B, G, H, I, K1 and L	ETSI ETS 300 163	⁻¹⁾
	-	Digital Video Broadcasting (DVB): Guidelines on implementation and usage of Service Information (SI)	ETSI TR 101 211	-
IEC 60068	Series	Environmental testing	EN 60068	Series
IEC 60130-9	⁻¹⁾	Connectors for frequencies below 3 MHz - Part 9: Circular connectors for radio and associated sound equipment	EN 60130-9	2000 ²⁾
IEC 60244-5	⁻¹⁾	Methods of measurement for radio transmitters - Part 5: Performance characteristics for television transmitters	EN 60244-5	1994 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60417	Database	Graphical symbols for use on equipment	-	-
IEC 60529	- ¹⁾	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May 1993	1991 ²⁾ 1993
IEC 60617	Database	Graphical symbols for diagrams	-	-
IEC 60728-1	- ¹⁾	Cable networks for television signals, sound signals and interactive services - Part 1: System performance of forward paths	EN 60728-1	2008 ²⁾
IEC 60728-2	- ¹⁾	Cabled distribution systems for television and sound signals - Part 2: Electromagnetic compatibility for equipment	EN 50083-2	2006 ²⁾
IEC 60728-3	- ¹⁾	Cable networks for television signals, sound signals and interactive services - Part 3: Active wideband equipment for coaxial cable networks	EN 60728-3	2006 ²⁾
IEC 60728-11 (mod)- ¹⁾		Cable networks for television signals, sound signals and interactive services - Part 11: Safety	EN 60728-11	2005 ²⁾
IEC 61319-1	- ¹⁾	Interconnections of satellite receiving equipment - Part 1: Europe	EN 61319-1 + A11	1996 ²⁾ 1999
ISO/IEC 13818-1	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information: Systems	EN ISO/IEC 13818-1	1997 ²⁾
ISO/IEC 13818-2	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information - Part 2: Video	https://standards.iec.ch/standard/13818-2-2005-0-fd2c-4bb1-b7ed-information261dd93/sist-en-60728-5-2008	-
ISO/IEC 13818-3	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information - Part 3: Audio	EN ISO/IEC 13818-3	1996 ²⁾
ISO/IEC 13818-4	- ¹⁾	Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing	-	-
ITU-R Recommendation BS.468-4	- ¹⁾	Measurement of audio-frequency noise voltage level in sound broadcasting	-	-
ITU-R Report BT 624-4	- ¹⁾	Characteristics of television systems	-	-
ITU-T Recommendation J.61	- ¹⁾	Transmission performance of television circuits designed for use in international connections	-	-
ITU-T Recommendation J.101	- ¹⁾	Measurement methods and test procedures for teletext signals	-	-

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Annex ZB
(normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the European Standard / Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

Clause Special national condition

5.3 Finland, Sweden

All equipment installed in locations that are not temperature controlled shall meet the requirements within the temperature range -40 °C to +55 °C.

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