



SLOVENSKI STANDARD SIST EN 60728-5:2016

01-julij-2016

Nadomešča:
SIST EN 60728-5:2008

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

Cable networks for television signals, sound signals and interactive services - Part 5:
Headend equipment

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Ta slovenski standard je istoveten z: EN 60728-5:2016

ICS:

33.060.40 Kabelski razdelilni sistemi Cabled distribution systems

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EUROPEAN STANDARD

EN 60728-5

NORME EUROPÉENNE

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April 2016

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Supersedes EN 60728-5:2008

English Version

Cable networks for television signals, sound signals and interactive services - Part 5: Headend equipment (IEC 60728-5:2015)

Réseaux de distribution par câbles pour signaux de télévision, signaux de radiodiffusion sonore et services interactifs - Partie 5: Équipements de tête de réseau
(IEC 60728-5:2015)

Kabelnetze für Fernsehsignale, Tonsignale und interaktive Dienste - Teil 5: Geräte für Kopfstellen
(IEC 60728-5:2015)

This European Standard was approved by CENELEC on 2016-01-13. 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 CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 60728-5:2016**European foreword**

The text of document 100/2555/FDIS, future edition 3 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 approved by CENELEC as EN 60728-5:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-10-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-04-22

This document supersedes EN 60728-5:2008.

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Endorsement notice

The text of the International Standard IEC 60728-5:2015 was approved by CENELEC as a European Standard without any modification.

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

<u>SIST EN 60728-5:2016</u>	
IEC 60050 (series)	NOTE Harmonized as EN 60050 (series)
IEC 60130-9	NOTE Harmonized as EN 60130-9.
IEC 61169-2:2001	NOTE Harmonized as EN 61169-2:2001.
IEC 61169-8	NOTE Harmonized as EN 61169-8.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-1	-	Environmental testing -- Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing -- Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-
IEC 60068-2-14	-	Environmental testing -- Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	-
IEC 60068-2-27	-	Environmental testing -- Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	-
IEC 60068-2-30	-	Environmental testing -- Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	-
IEC 60068-2-31	-	Environmental testing -- Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens	EN 60068-2-31	-
IEC 60068-2-40	-	Basic environmental testing procedures - Part 2: Tests. Test Z/AM: Combined cold/low air pressure tests	EN 60068-2-40	-
IEC 60244-5	-	Methods of measurement for radio transmitters -- Part 5: Performance characteristics for television transmitters	EN 60244-5	-
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 60728-1	-	Cable networks for television signals, sound signals and interactive services -- Part 1: System performance of forward paths	EN 60728-1	-
IEC 60728-2	-	Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment	EN 50083-2	-
IEC 60728-3	2010	Cable networks for television signals, sound signals and interactive services -- Part 3: Active wideband equipment for cable networks	EN 60728-3	2011
IEC 60728-11	-	Cable networks for television signals, sound signals and interactive services -- Part 11: Safety	EN 60728-11	-
IEC 61319-1	-	Interconnections of satellite receiving equipment -- Part 1: Europe	EN 61319-1	-
ISO/IEC 13818-1	-	Information technology - Generic coding of - moving pictures and associated audio information - Part 1: Systems		-
ISO/IEC 13818-2	-	Information technology - Generic coding of - moving pictures and associated audio information - Part 2: Video		-

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ISO/IEC 13818-3	-	Information technology - Generic coding of moving pictures and associated audio information - Part 3: Audio	-
ISO/IEC 13818-4	-	Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing	-
ETSI EN 300 421	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for 11/12 GHz satellite services	-
ETSI EN 300 429	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for cable systems	-
ETSI EN 300 468	-	Digital Video Broadcasting (DVB): Specification for Service Information (SI) in DVB systems	-
ETSI EN 300 473	-	Digital Video Broadcasting (DVB): Satellite Master Antenna Television (SMATV) distribution systems	-
ETSI EN 300 744	-	Digital Video Broadcasting (DVB): Framing structure, channel coding and modulation for digital terrestrial television	-
ETSI EN 302 307	-	Digital Video Broadcasting (DVB); Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications (DVB-S2)	-
ETSI EN 302 755	-	Digital Video Broadcasting (DVB); Frame structure channel coding and modulation for a second generation digital terrestrial television broadcasting system (DVB-T2)	-
ETSI ETS 300 163	-	Television systems; NICAM 728: transmission of two-channel digital sound with terrestrial television systems B, G, H, I, K1 and L	-
ETSI TR 101 211	-	Digital Video Broadcasting (DVB); Guidelines on implementation and usage of Service Information (SI)	-
ITU-R Recommendation BS 468-4	-	Measurement of audio-frequency noise voltage level in sound broadcasting (Vol. X-1)	-
ITU-R Report 624-4	-	Characteristics of television systems	-
ITU-T Recommendation J.61	-	Transmission performance of television circuits designed for use in international connections	-
ITU-T Recommendation J.101	-	Measurement methods and test procedures for teletext signals	-

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.

<u>Clause</u>	<u>Special national condition</u>
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5.3	Finland, Sweden
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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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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Cable networks for television signals, sound signals and interactive services –
Part 5: Headend equipment**

**Réseaux de distribution par câbles pour signaux de télévision, signaux de
radiodiffusion sonore et services interactifs –
Partie 5: Équipements de tête de réseau**

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