



# SLOVENSKI STANDARD

## SIST EN 60728-101:2018

01-januar-2018

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**Kabelska omrežja za televizijske in zvokovne signale ter interaktivne storitve - 101. del: Lastnosti sistema za naprejšnje poti z obremenitvami popolnoma digitaliziranih kanalov (TA/5) (IEC 60728-101:2016)**

Cable networks for television signals, sound signals and interactive services - Part 101: System performance of forward paths with all-digital channels load (TA/5) (IEC 60728-101:2016)

Kabelnetze für Fernsehsignale, Tonsignale und interaktive Dienste - Teil 101: Systemanforderungen in Verteilrichtung bei kompletter digitaler Kanallast (IEC 60728-101:2016)

[SIST EN 60728-101:2018](https://standards.iteh.ai/catalog/standards/sist/d8cd0086-3b25-477f-8450-1e9901431000/sist-en-60728-101-2018)

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Réseaux de distribution par câbles pour signaux de télévision, signaux de radiodiffusion sonore et services interactifs - Partie 101: Performances des systèmes de voie directe soumis à une charge de porteuses exclusivement numériques (IEC 60728-101:2016)

**Ta slovenski standard je istoveten z: EN 60728-101:2017**

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**ICS:**

33.060.40      Kabelski razdelilni sistemi      Cabled distribution systems

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EUROPEAN STANDARD

**EN 60728-101**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2017

ICS 33.040.20; 33.160.01

English Version

**Cable networks for television signals, sound signals and  
interactive services - Part 101: System performance of forward  
paths loaded with digital channels only  
(IEC 60728-101:2016)**

Réseaux de distribution par câbles pour signaux de  
télévision, signaux de radiodiffusion sonore et services  
interactifs - Partie 101: Performances des systèmes de voie  
directe soumis à une charge de porteuses exclusivement  
numériques  
(IEC 60728-101:2016)

Kabelnetze für Fernsehsignale, Tonsignale und interaktive  
Dienste - Teil 101: Systemanforderungen in Verteilrichtung  
bei kompletter digitaler Kanallast  
(IEC 60728-101:2016)

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Europäisches Komitee für Elektrotechnische Normung

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

**EN 60728-101:2017****European foreword**

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-11-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-05-19

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

ISO/IEC 13818 (series)

NOTE Harmonized as EN ISO/IEC 13818 (series).

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## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-705	-	International Electrotechnical Vocabulary (IEV) -- Chapter 705: Radio wave propagation	-	-
IEC 60050-712	-	International Electrotechnical Vocabulary (IEV) -- Chapter 712: Antennas	-	-
IEC 60050-725	-	International Electrotechnical Vocabulary (IEV) -- Chapter 725: Space radiocommunications	-	-
IEC 60728-1	-	Cable networks for television signals, sound signals and interactive services -- Part 1: System performance of forward paths	EN 60728-1	-
IEC 60728-1-1	-	Cable networks for television signals, sound signals and interactive services -- Part 1-1: RF cabling for two way home networks	EN 60728-1-1	-
IEC 60728-1-2	-	Cable networks for television signals, sound signals and interactive services -- Part 1-2: Performance requirements or signals delivered at the system outlet in operation	EN 60728-1-2	-
IEC 60728-2	-	Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment	-	-
IEC 60728-3	-	Cable networks for television signals, sound signals and interactive services -- Part 3: Active wideband equipment for cable networks	EN 60728-3	-
IEC 60728-3-1	-	Cable networks for television signals, sound signals and interactive services -- Part 3-1: Methods of measurement of non-linearity for full digital channel load with DVB-C signals	EN 60728-3-1	-
IEC 60728-5	-	Cable networks for television signals, sound signals and interactive services - Part 5: Headend equipment	EN 60728-5	-
IEC 60728-10	-	Cable networks for television signals, sound signals and interactive services -- Part 10: System performance of return paths	EN 60728-10	-
IEC 60728-11	-	Cable networks for television signals, sound signals and interactive services -- Part 11: Safety	EN 60728-11	-
IEC 60728-12	-	Cabled distribution systems for television and sound signals -- Part 12: Electromagnetic compatibility of systems	-	-

## EN 60728-101:2017

IEC 60966-2-4	-	CABLE ASSEMBLIES - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors	-	-
IEC 60966-2-5	-	Radio frequency and coaxial cable assemblies -- Part 2-5: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors	EN 60966-2-5	-
IEC 60966-2-6	-	Radio frequency and coaxial cable assemblies -- Part 2-6: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 3 000 MHz, IEC 61169-24 connectors	EN 60966-2-6	-
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	-	-
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	-	-
ISO/IEC 14496-1	-	Information technology - Coding of audio-visual objects -- Part 1: Systems	-	-
ISO/IEC 14496-2	-	Information technology - Coding of audio-visual objects - Part 2: Visual	-	-
ISO/IEC 14496-3	-	Information technology - Coding of audio-visual objects - Part 3: Audio	-	-
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 300 748	-	Digital Video Broadcasting (DVB): Multipoint Video Distribution Systems (MVDS) at 10 GHz and above	-	-
ETSI EN 300 749	-	Digital Video Broadcasting (DVB): Microwave Multipoint Distribution Systems (MMDS) below 10 GHz	-	-
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 EN 302 769	-	Digital Video Broadcasting (DVB) - Frame structure channel coding and modulation for a second generation digital transmission system for cable systems (DVB-C2)	-	-
ETSI ETS 300 784	-	Satellite Earth Stations and Systems (SES); Television Receive-Only (TVRO) satellite earth stations operating in the 11/12 GHz frequency bands	-	-
ETSI TR 101 211	-	Digital Video Broadcasting (DVB); Guidelines on implementation and usage of Service Information (SI)	-	-
ETSI TR 101 290	-	Digital Video Broadcasting (DVB); Measurement guidelines for DVB systems	-	-
ETSI TS 102 831 V1.2.1	-	Digital Video Broadcasting (DVB); Implementation guidelines for a second generation digital terrestrial television broadcasting system (DVB-T2)	-	-
ETSI TS 102 991 V1.2.1	-	Digital Video Broadcasting (DVB) - Implementation Guidelines for a second generation digital cable transmission system (DVB-C2)	-	-

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Edition 1.0 2016-04

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Cable networks for television signals, sound signals and interactive services –  
Part 101: System performance of forward paths loaded with digital channels only**

**Réseaux de distribution par câbles pour signaux de télévision, signaux de  
radiodiffusion sonore et services interactifs –  
Partie 101: Performances des systèmes de voie directe soumis à une charge de  
porteuses exclusivement numériques**

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## CONTENTS

FOREWORD.....	8
INTRODUCTION.....	10
1 Scope.....	15
2 Normative references .....	15
3 Terms, definitions, symbols and abbreviations.....	17
3.1 Terms and definitions .....	17
3.2 Symbols.....	29
3.3 Abbreviations .....	31
4 Methods of measurement at system outlet.....	33
4.1 General.....	33
4.2 Basic assumptions and measurement interfaces .....	34
4.3 Signal level .....	37
4.3.1 General .....	37
4.3.2 Equipment required.....	38
4.3.3 Connection of the equipment.....	38
4.3.4 Measurement procedure.....	38
4.3.5 Presentation of the results.....	39
4.4 RF signal-to-intermodulation and noise ratio $S/IN$ .....	39
4.4.1 General .....	39
4.4.2 Equipment required.....	39
4.4.3 Connection of the equipment.....	40
4.4.4 Measurement procedure.....	40
4.4.5 Presentation of the results.....	40
4.5 Bit error ratio ( $BER$ ) .....	40
4.5.1 General .....	40
4.5.2 Equipment required.....	41
4.5.3 Connection of the equipment.....	41
4.5.4 Measurement procedure.....	41
4.5.5 Presentation of the results.....	42
4.6 $BER$ versus $S/N$ .....	42
4.6.1 General .....	42
4.6.2 Equipment required.....	42
4.6.3 Connection of the equipment.....	43
4.6.4 Measurement procedure.....	43
4.6.5 Presentation of the results.....	44
4.7 System operating levels and margins.....	45
4.7.1 General .....	45
4.7.2 White noise signal margin ( $SM_{WN}$ ) .....	47
4.7.3 Intermodulation noise signal margin ( $SM_{IN}$ ) .....	48
4.8 Modulation error ratio ( $MER$ ).....	50
4.8.1 General .....	50
4.8.2 Equipment required.....	50
4.8.3 Connection of the equipment.....	50
4.8.4 Measurement procedure.....	51
4.8.5 Presentation of the results.....	52
4.9 Phase jitter .....	52

4.9.1	General .....	52
4.9.2	Equipment required .....	52
4.9.3	Connection of the equipment .....	53
4.9.4	Measurement procedures .....	53
4.9.5	Presentation of the results .....	55
4.10	Phase noise of an RF carrier .....	55
4.10.1	General .....	55
4.10.2	Equipment required .....	55
4.10.3	Connection of the equipment .....	56
4.10.4	Measurement procedure .....	56
4.10.5	Presentation of the results .....	57
4.11	Mutual isolation between system outlets .....	58
4.11.1	General .....	58
4.11.2	Equipment required .....	58
4.11.3	Connection of the equipment .....	58
4.11.4	Measurement procedure .....	58
4.11.5	Presentation of the results .....	59
4.12	Amplitude response within a channel .....	59
4.12.1	General .....	59
4.12.2	Equipment required .....	59
4.12.3	Connection of the equipment .....	60
4.12.4	Measurement procedure .....	60
4.12.5	Presentation of the results .....	62
4.13	Non-linear distortion .....	62
4.13.1	General .....	62
4.13.2	Intermodulation .....	62
4.13.3	Composite crossmodulation .....	62
5	Performance requirements at system outlet .....	62
5.1	General requirements .....	62
5.2	Overview .....	62
5.3	Impedance .....	62
5.4	Requirements at the terminal input .....	63
5.4.1	General .....	63
5.4.2	Signal level .....	63
5.4.3	Other parameters .....	63
5.5	RF signal levels at system outlets .....	63
5.5.1	Minimum and maximum RF signal levels .....	63
5.5.2	RF signal level differences .....	65
5.6	Mutual isolation between system outlets .....	66
5.6.1	Isolation between two subscribers .....	66
5.6.2	Isolation between individual outlets in one household .....	66
5.6.3	Isolation between forward and return paths .....	66
5.7	Frequency response within a television channel at any system outlet .....	67
5.7.1	Amplitude response .....	67
5.7.2	Group delay .....	67
5.8	Long-term frequency stability of distributed signals at any system outlet .....	68
5.9	Random noise .....	69
5.10	Interference to television channels .....	71
5.10.1	Single-frequency interference .....	71

5.10.2	Intermodulation noise.....	71
5.11	DVB (PSK, QAM, OFDM) additional performance requirements.....	71
5.11.1	<i>BER</i> .....	71
5.11.2	<i>PER</i> .....	71
5.11.3	White noise signal margin ( $SM_{WN}$ ).....	71
5.11.4	Intermodulation noise signal margin ( $SM_{IN}$ ).....	72
5.11.5	<i>MER</i> .....	72
5.11.6	Phase noise of a DVB signal .....	72
5.12	DAB performance.....	73
6	Performance requirements at receiving antennas .....	74
6.1	General.....	74
6.2	Method of measurement of field strength .....	74
6.2.1	General .....	74
6.2.2	Equipment required.....	74
6.2.3	Connection of the equipment.....	74
6.2.4	Measurement procedure.....	75
6.2.5	Presentation of the results.....	75
6.3	Requirements.....	75
6.3.1	General .....	75
6.3.2	Field strength requirements.....	76
6.3.3	Quality of received signals.....	77
6.3.4	Safety.....	80
6.3.5	Electromagnetic compatibility (EMC) .....	80
6.4	Interference reduction.....	80
6.4.1	General.....	80
6.4.2	Active antennas.....	80
7	Performance requirements at home network interfaces of cable networks .....	80
7.1	General.....	80
7.2	Requirements at HNI1 for passive coaxial home networks.....	81
7.2.1	General .....	81
7.2.2	Signal levels at the HNI1 .....	82
7.2.3	Mutual isolation between two HNI1 .....	84
7.2.4	Frequency response within any television channel at the HNI1.....	84
7.2.5	Long-term frequency stability of distributed RF signals at HNI1 .....	85
7.2.6	Random noise at the HNI1 .....	85
7.2.7	Interference to television channels at the HNI1 .....	85
7.2.8	Return path requirements at the HNI1.....	86
7.3	Requirements at HNI2 for active coaxial home networks .....	86
7.3.1	General .....	86
7.3.2	RF signal levels at the HNI2 .....	86
7.3.3	Mutual isolation between two HNI2.....	89
7.3.4	Frequency response within any television channel at the HNI2.....	89
7.3.5	Long-term frequency stability of distributed RF signals at HNI2 .....	90
7.3.6	Random noise at HNI2 .....	90
7.3.7	Interference to television channels at the HNI2 .....	92
7.3.8	Return path requirements at the HNI2.....	93
7.4	Requirements at HNI3 and at system outlet or terminal input when the home network is mainly of balanced type .....	93

7.4.1	General .....	93
7.4.2	Requirements at HNI3 .....	93
7.4.3	Requirements at system output .....	93
7.4.4	Additional requirements at HNI3 for upstream transmission .....	94
7.5	Requirements at HNI3 (case C) .....	94
7.6	Requirements at HNI3 (case D) .....	94
Annex A (normative)	Correction factors for noise .....	96
A.1	Signal level measurement .....	96
A.2	Noise level measurement .....	96
Annex B (normative)	Null packet and PRBS definitions .....	98
B.1	Null packet definition .....	98
B.2	PRBS definition .....	99
Annex C (normative)	Digital signal level and bandwidth .....	100
C.1	RF/IF power ("carrier") .....	100
C.2	Bandwidth of a digital signal .....	100
C.2.1	Occupied bandwidth .....	100
C.2.2	Noise bandwidth .....	101
C.2.3	Equivalent signal bandwidth .....	101
C.3	Examples .....	102
Annex D (normative)	Correction factor for a spectrum analyser .....	103
Annex E (informative)	Differences in some countries .....	104
E.1	Subclause 3.1.48, Norway .....	104
E.2	Subclause 5.5.1, Japan .....	104
E.3	Subclause 5.5.2, Japan .....	104
E.4	Subclause 5.6.1, Japan .....	105
E.5	Subclause 5.7.1, Japan .....	105
E.6	Subclause 5.7.2 Japan .....	105
E.7	Subclause 5.8, Japan .....	105
E.8	Subclause 5.9, Japan .....	105
E.9	Subclause 5.10.1, Japan .....	105
E.10	Subclause 5.11.6, Japan .....	106
E.11	Subclause 6.3.3, Japan .....	107
E.12	Clause 7, Japan .....	107
Bibliography	.....	108
Figure 1	– Example of a master antenna television system (MATV) for terrestrial reception .....	11
Figure 2	– Example of the headend of a master antenna television system for satellite (SMATV) reception .....	12
Figure 3	– Example of a master antenna television system for terrestrial and satellite (SMATV) reception .....	12
Figure 4	– Example of a cabled distribution system for television and sound signals .....	13
Figure 5	– System model for downstream direction of a cable network for television and sound signals (CATV) .....	14
Figure 6	– PSK modulation (QPSK, BPSK or TC8PSK) .....	34
Figure 7	– DVB-S2 modulation (QPSK, 8PSK, 16APSK, 32APSK) .....	34
Figure 8	– DVB-C QAM modulation .....	34
Figure 9	– DVB-C2 QAM modulation .....	35

Figure 10 – DVB-T OFDM modulation .....	35
Figure 11 – DVB-T2 OFDM modulation.....	35
Figure 12 – Reference receiver for PSK demodulation (QPSK, BPSK or TC8PSK) .....	36
Figure 13 – Reference receiver for DVB-S2 demodulation (QPSK, 8PSK, 16APSK, 32APSK) .....	36
Figure 14 – Reference receiver for DVB-C QAM demodulation.....	36
Figure 15 – Reference receiver for DVB-C2 demodulation .....	36
Figure 16 – Reference receiver for DVB-T OFDM demodulation.....	37
Figure 17 – Reference receiver (buffer model) for DVB-T2 OFDM demodulation.....	37
Figure 18 – Test set-up for <i>BER</i> measurement.....	41
Figure 19 – Test set-up for BER measurement versus <i>S/N</i> .....	43
Figure 20 – Example of <i>BER</i> measurement versus <i>S/N</i> .....	45
Figure 21 – Example of <i>S/IN</i> and <i>BER</i> versus signal level <i>S</i> for a cable network without optical link.....	46
Figure 22 – Optical and coaxial subsystems of an HFC network.....	46
Figure 23 – Test set-up for $SM_{WN}$ and $SM_{IN}$ measurement.....	48
Figure 24 – Test set-up for modulation error ratio ( <i>MER</i> ) measurement and phase jitter measurement.....	51
Figure 25 – Example of constellation diagram for a 64 QAM modulation format .....	52
Figure 26 – Example of constellation diagram for a 64 QAM modulation format with arcs due to phase jitter .....	54
Figure 27 – Test set-up for phase noise measurement.....	56
Figure 28 – Example of mask for phase noise measurements: PSK, APSK and QAM formats.....	57
Figure 29 – Example of mask for phase noise measurements: OFDM format.....	57
Figure 30 – Arrangement of test equipment for measurement of mutual isolation between system outlets.....	58
Figure 31 – Arrangement of test equipment for measurement of frequency response within a channel.....	60
Figure 32 – Interpretation of displays for measurement of frequency response within a channel .....	61
Figure 33 – Home network types used to define the requirements at several HNI types (coaxial) .....	81
Figure A.1 – Noise correction factor <i>CF</i> versus measured level difference <i>D</i> .....	97
Figure E.1 – Single-frequency interference (64 QAM digital) (Japan).....	106
Figure E.2 – Single-frequency interference (256 QAM digital) (Japan).....	106
Table 1 – Application of the methods of measurement .....	33
Table 2 – Frequency distance $f_m$ .....	57
Table 3 – Digital signal levels at any system outlet .....	64
Table 4 – Maximum level differences at any system outlet between distributed television channels .....	66
Table 5 – Residual carrier level at television or FM radio output within the same outlet or between two different outlets .....	67
Table 6 – Amplitude response variation.....	67
Table 7 – Group delay variation .....	68

Table 8 – Maximum deviation of conversion frequency for digitally modulated DVB signals.....	68
Table 9 – RF signal-to noise ratio at system outlet.....	69
Table 10 – Modulation error ratio <i>MER</i> of DVB signals .....	72
Table 11 – Phase noise of a DVB signal (PSK, APSK and QAM).....	73
Table 12 – Phase noise of a DVB-T or DVB-C2 signal (COFDM).....	73
Table 13 – Minimum field strength levels recommended by CEPT [3] .....	76
Table 14 – Minimum signal level at the headend input for the reception of DAB signals .....	77
Table 15 – Minimum signal level and RF signal-to-noise ratio at the headend input for stationary reception of DVB-T signals.....	77
Table 16 – Minimum signal-to-noise ratio <i>S/N</i> at the headend input for DVB-T2 signals.....	78
Table 17 – Minimum RF signal-to-noise ratio at the headend input for the reception of DVB-S or DVB-S2 satellite signals .....	79
Table 18 – Signal level at HNI1 .....	82
Table 19 – Maximum level differences at HNI1 .....	84
Table 20 – Amplitude response variation at HNI1 .....	85
Table 21 – Group delay variation at HNI1 .....	85
Table 22 – Signal level at HNI2 .....	87
Table 23 – Maximum level differences at HNI2 .....	89
Table 24 – Amplitude response variation at HNI2 .....	90
Table 25 – Group delay variation at HNI2 .....	90
Table 26 – Minimum RF signal-to-noise ratios at HNI2.....	91
Table 27 – Minimum signal level at coaxial terminal input (case A) or at coaxial system outlet (case B) .....	94
Table A.1 – Noise correction factor .....	96
Table B.1 – Null transport stream packet definition .....	98
Table C.1 – Examples of bandwidths for digital modulation techniques .....	102