

**SLOVENSKI STANDARD  
SIST EN 60966-2-4:2009****01-oktober-2009****BUXca Yý U  
SIST EN 60966-2-4:2004**

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nU\_UVYg\_YgYghUj Y'nUfUX]g\_Y]b'HJ'gdfY'Ya b]\_Y!'?cbY\_lcf]nUZY\_j Yb bc  
cVa c ^cX'\$Xc' '\$\$\$'A<nž=97 '\*%% - !&f197 '\* \$- \*\* !&(.&\$-\$- L

Radio frequency and coaxial cable assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 to 3 000 MHz, IEC 61169-2 connectors (IEC 60966-2-4:2009)

**ITEH STANDARD PREVIEW**  
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Konfektionierte Koaxial- und Hochfrequenzkabel - Teil 2-4: Bauartspezifikation für konfektionierte Kabel für Ton- und Fernsehgrundfunkempfänger - Frequenzbereich 0 bis 3 000 MHz, IEC 61169-2 Steckverbinder (IEC 60966-2-4:2009)

<https://standards.iteh.ai/catalog/standards/sist/49635bf-7d0d-43bf-bef7-ba042774e007/sist-en-60966-2-4-2009>

Ensemble de cordons coaxiaux et de cordons pour fréquences radioélectriques - Partie 2-4: Spécification particulière pour cordons de connexion de récepteurs TV ou radio - Bande de fréquences de 0 MHz à 3 000 MHz, connecteurs CEI 61169-2 (CEI 60966-2-4:2009)

**Ta slovenski standard je istoveten z: EN 60966-2-4:2009**

**ICS:**

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

**SIST EN 60966-2-4:2009 en**

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SIST EN 60966-2-4:2009

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60966-2-4**

August 2009

ICS 33.120.10

Supersedes EN 60966-2-4:2003

English version

**Radio frequency and coaxial 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 60966-2-4:2009)**

Ensemble de cordons coaxiaux  
et de cordons pour  
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connecteurs CEI 61169-2  
(CEI 60966-2-4:2009)

Konfektionierte Koaxial- und  
Hochfrequenzkabel -  
Teil 2-4: Bauartspezifikation  
für konfektionierte Kabel für Ton- und  
Fernsehrundfunkempfänger -  
Frequenzbereich 0 MHz bis 3 000 MHz,  
Steckverbinder nach IEC 61169-2  
(IEC 60966-2-4:2009)

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This European Standard was approved by CENELEC on 2009-07-01. 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.

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, 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: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 46/303/FDIS, future edition 3 of IEC 60966-2-4, prepared by IEC TC 46, Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60966-2-4 on 2009-07-01.

This European Standard supersedes EN 60966-2-4:2003.

The major change with respect to EN 60966-2-4:2003 is the reference to EN 62153 series and the requirement for class B screening attenuation.

This detail specification is to be read with EN 60966-1:1999, with EN 60966-2-1:2009, and with EN 60966-2-2:2003.

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) 2010-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2012-07-01

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 60966-2-4:2009 was approved by CENELEC as a European Standard without any modification.

<http://standards.iteh.ai/catalog/standards/sist/496f3bff-7d0d-43bf-bef7-ba042774e007/sist-en-60966-2-4-2009>

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## Annex ZA (normative)

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60728-4	- <sup>1)</sup>	Cable networks for television signals, sound signals and interactive services - Part 4: Passive wideband equipment for coaxial cable networks	EN 60728-4	2008 <sup>2)</sup>
IEC 60966-1	1999	Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods	EN 60966-1	1999
IEC 60966-2-1	2008	Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies	EN 60966-2-1	2009
IEC 60966-2-2	2003	Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies	EN 60966-2-2	2003
IEC 61169-2	- <sup>1)</sup>	Radio frequency connectors - Part 2: Sectional specification - Radio frequency coaxial connectors of type 9,52	EN 61169-2	2007 <sup>2)</sup>
IEC 61196-6	- <sup>1)</sup>	Coaxial communication cables - Part 6: Sectional specification for CATV drop cables	-	-
IEC 62153-4-3	- <sup>1)</sup>	Metallic communication cable test methods - Part 4-3: Electromagnetic Compatibility (EMC) - Surface transfer impedance - Triaxial method	-	-

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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IEC 60966-2-4

Edition 3.0 2009-01

# INTERNATIONAL STANDARD

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**Radio frequency and coaxial 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**

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

PRICE CODE

**G**

ICS 33.120.10

ISBN 2-8318-1022-2

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RADIO FREQUENCY AND COAXIAL 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**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60966-2-4 has been prepared by IEC technical committee 46: Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories.

This third edition cancels and replaces the second edition published in 2003 and constitutes a technical revision.

The major change with respect to the second edition is the reference to IEC 62153 and the requirement for class B screening attenuation.



The text of this standard is based on the following documents:

FDIS	Report on voting
46/303/FDIS	46/315/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This detail specification is to be read with IEC 60966-1:1999, with IEC 60966-2-1:2008 and with IEC 60966-2-2:2003.

A list of all parts of the IEC 60966 series, under the general title: *Radio frequency and coaxial cable assemblies*, can be found on the IEC website.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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A bilingual version of this publication may be issued at a later date.

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