

STN	Súbory vysokofrekvenčných a koaxiálnych káblov Časť 2-6: Podrobná špecifikácia súborov káblov pre rozhlasové a televízne prijímače Rozsah frekvencie od 0 MHz do 3 000 MHz, konektory podľa IEC 61169-24	STN EN 60966-2-6 34 7720
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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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/17

Obsahuje: EN 60966-2-6:2017, IEC 60966-2-6:2016

Oznámením tejto normy sa od 30.11.2019 ruší
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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN 60966-2-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 33.120.10

Supersedes EN 60966-2-6:2009

English Version

**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
(IEC 60966-2-6:2016)**

Cordons coaxiaux et cordons pour fréquences
radioélectriques - Partie 2-6: Spécification particulière pour
cordons de connexion de récepteurs radio ou TV - Plage de
fréquences de 0 MHz à 3 000 MHz, connecteurs
IEC 61169-24
(IEC 60966-2-6:2016)

Konfektionierte Koaxial- und Hochfrequenzkabel - Teil 2-6:
Bauartspezifikation für konfektionierte Kabel für Ton- und
Fernsehrundfunkempfänger - Frequenzbereich 0 MHz bis
3 000 MHz, Steckverbinder nach IEC 61169-24
(IEC 60966-2-6:2016)

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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

European foreword

The text of document 46/593/FDIS, future edition 4 of IEC 60966-2-6, prepared by IEC/TC 46 "Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60966-2-6:2017.

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) 2017-08-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-11-30

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60728-4	-	Cable networks for television signals, sound signals and interactive services - Part 4: Passive wideband equipment for coaxial cable networks	EN 60728-4	-
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 61169-24	-	Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable networks (type F)	EN 61169-24	-
IEC 61196-1-110	-	Coaxial communication cables - Part 1-110: Electrical test methods - Test for continuity	-	-
IEC 61196-6	-	Coaxial communication cables - Part 6: Sectional specification for CATV drop cables	-	-
IEC 62153-4-7	-	Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z_T and screening attenuation a_s or coupling attenuation a_c of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method	EN 62153-4-7	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



**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**

**Cordons coaxiaux et cordons pour fréquences radioélectriques –
Partie 2-6: Spécification particulière pour cordons de connexion de récepteurs
radio ou TV – Plage de fréquences de 0 MHz à 3 000 MHz, connecteurs
IEC 61169-24**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE



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IEC 61169-24**

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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**

FOREWORD

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International Standard IEC 60966-2-6 has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories.

This fourth edition cancels and replaces the third edition published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the return loss requirements and the insertion loss requirements are matched to the relevant cables,
- b) screening effectiveness shall be measured according to IEC 62153-4-7, triaxial method,
- c) screening class A+ was introduced.

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

FDIS	Report on voting
46/593/FDIS	46/626/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 publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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.

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

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INTRODUCTION

This part of IEC 60966 is a detail specification which applies to coaxial cables described in the IEC 61196 series. It relates to cable assemblies for radio and TV receivers, and in particular to the cable assemblies subfamily F (see IEC 61169-24). These cable assemblies are used as described in IEC 60728-4.

This part of IEC 60966 gives subfamily requirements and severities which shall be applied.

Under qualification approval, the qualification will be conducted in accordance with 12.2 of IEC 60966-2-1:2008 taking into account the specified variants. Only the tests whose results might depend on the variants will be repeated

Under capability approval, the qualification will be conducted on the relating CQCs (capability qualifying components) as defined in 12.3 of IEC 60966-2-1:2008 and described in the CM (capability manual). Unless otherwise specified in the CM, only lot-by-lot tests from groups Ba and Eb will be conducted on delivered products, all other tests will be performed on CQCs as defined in 12.3 of IEC 60966-2-1:2008 and described in the CM.

Reference documents

IEC 60728-4, *Cable networks for television signals, sound signals and interactive services – Part 4: Passive wideband equipment for coaxial cable networks*

IEC 60966-1:1999, *Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods*

IEC 60966-2-1:2008, *Radio frequency and coaxial cable assemblies – Part 2-1: Sectional specification for flexible coaxial cable assemblies*

IEC 60966-2-2:2003, *Radio frequency and coaxial cable assemblies – Part 2-2: Blank detail specification for flexible coaxial cable assemblies*

IEC 61169-24, *Radio-frequency connectors – Part 24: Sectional specification – Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable networks (type F)*

IEC 61196-1-110, *Coaxial communication cables – Part 1-110: Electrical test methods – Test for continuity*

IEC 61196-6, *Coaxial communication cables – Part 6:Sectional specification for CATV drop cables*

IEC 62153-4-7, *Metallic communication cable test methods – Part 4-7: Electromagnetic compatibility (EMC) – Test method for measuring the transfer impedance Z_T and screening attenuation a_S or coupling attenuation a_C of connectors and assemblies up to and above 3 GHz – Triaxial tube in tube method*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN