

<b>STN</b>	<b>Súbory vysokofrekvenčných a koaxiálnych káblov</b> <b>Časť 2-2: Predtlač podrobnej špecifikácie súborov ohybných koaxiálnych káblov</b>	<b>STN</b> <b>EN IEC 60966-2-2</b>  34 7720
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Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies

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. 06/24

Obsahuje: EN IEC 60966-2-2:2024, IEC 60966-2-2:2024

Oznámením tejto normy sa od 16.04.2027 ruší  
STN EN 60966-2-2 (34 7720) z mája 2004

**138751**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024  
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60966-2-2**

April 2024

ICS 33.120.10

Supersedes EN 60966-2-2:2003

English Version

**Radio frequency and coaxial cable assemblies - Part 2-2: Blank  
detail specification for flexible coaxial cable assemblies  
(IEC 60966-2-2:2024)**

Cordons coaxiaux et cordons pour fréquences  
radioélectriques - Partie 2-2: Spécification particulière-cadre  
pour cordons coaxiaux souples  
(IEC 60966-2-2:2024)

Konfektionierte Koaxial- und Hochfrequenzkabel - Teil 2-2:  
Vordruck für Bauartspezifikation für flexible konfektionierte  
Koaxialkabel  
(IEC 60966-2-2:2024)

This European Standard was approved by CENELEC on 2024-04-16. 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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 60966-2-2:2024 (E)****European foreword**

The text of document 46/967/FDIS, future edition 3 of IEC 60966-2-2, 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 IEC 60966-2-2:2024.

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) 2025-01-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-04-16

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 Where 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.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068	series	Environmental testing	EN 60068	series
IEC 60966-1	2019	Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods	EN IEC 60966-1	2019
IEC 60966-2-1	2024	Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies	EN IEC 60966-2-1	2024
IEC 61196-1-126	-	Coaxial communication cables - Part 1-126: Electrical test methods - Corona extinction voltage	-	-



IEC 60966-2-2

Edition 3.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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

**Cordons coaxiaux et cordons pour fréquences radioélectriques –  
Partie 2-2: Spécification particulière-cadre pour cordons coaxiaux souples**





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#### Electropedia - [www.electropedia.org](http://www.electropedia.org)

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IEC 60966-2-2

Edition 3.0 2024-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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

**Cordons coaxiaux et cordons pour fréquences radioélectriques –  
Partie 2-2: Spécification particulière-cadre pour cordons coaxiaux souples**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

ICS 33.120.10

ISBN 978-2-8322-8410-0

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## CONTENTS

FOREWORD .....	3
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 Instructions .....	5
5 Detail specification .....	7



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –****Part 2-2: Blank detail specification for flexible coaxial cable assemblies**

## FOREWORD

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

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

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

- a) added Clause 1 "Scope";
- b) added Clause 2 "Normative references";
- c) rewrote Clause 4 "Instructions";

- d) added "[6] Outline for flexible cable assemblies", "[7] The relative position dimensions of the interface";
- e) added "Corona extinction voltage";
- f) modified "[19] Value", "[20] Remark";
- g) added "Insertion loss difference";
- h) added "Shaking test";
- i) added "Impact test";
- j) changed "Vibrations, bumps and shocks test" to "Vibrations, shocks test".

The text of this International Standard is based on the following documents:

Draft	Report on voting
46/967/FDIS	46/997/RVD

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

The language used for the development of this International Standard is English.

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

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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- reconfirmed,
- withdrawn, or
- revised.

## **RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –**

### **Part 2-2: Blank detail specification for flexible coaxial cable assemblies**

#### **1 Scope**

This part of IEC 60966 is a blank detail specification that relates to flexible coaxial cable assemblies operating in the transverse electromagnetic mode (TEM).

The creation of a uniform layout and style of detail specifications is determined by the use of a blank detail specification pro forma. The detail specification may be prepared by a national organization, a manufacturer or a user.

#### **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

IEC 60068 (all parts), *Environmental testing*

IEC 60966-1:2019, *Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods*

IEC 60966-2-1:2024, *Radio frequency and coaxial cable assemblies – Part 2-1: Sectional specification for flexible coaxial cable assemblies*

IEC 61196-1-126, *Coaxial communication cables – Part 1-126: Electrical test methods – Corona extinction voltage*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**