
Sestavi radiofrekvenčnih in koaksialnih kablov - 3-4. del: Podrobna specifikacija za delno upogibljive kableske sklope (prevezava), frekvenčno območje do 6 GHz, delno upogibljiv koaksialni kabel tipa 50-141 (IEC 60966-3-4:2023)

Radio frequency and coaxial cable assemblies - Part 3-4: Detail specification for semi-flexible cable assemblies (Jumper) - Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable (IEC 60966-3-4:2023)

Konfektionierte Koaxial- und Hochfrequenzkabel – Teil 3-4: Bauartspezifikation für halbflexible konfektionierte Kabel (Rangierkabel), Frequenzbereich bis 6 GHz, halbflexibles Koaxialkabel Typ 50-141 (IEC 60966-3-4:2023)

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Cordons coaxiaux et cordons pour fréquences radioélectriques - Partie 3-4 : Spécification particulière relative aux cordons semi-flexibles (câble de pontage), bande de fréquences jusqu'à 6 GHz, câble coaxial semi-flexible de type 50-141 (IEC 60966-3-4:2023)

Ta slovenski standard je istoveten z: EN IEC 60966-3-4:2023

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

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Radio frequency and coaxial cable assemblies - Part 3-4: Detail
specification for semi-flexible cable assemblies (jumper) -
Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial
cable
(IEC 60966-3-4:2023)

Cordons coaxiaux et cordons pour fréquences
radioélectriques - Partie 3-4: Spécification particulière
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type 50-141
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Konfektionierte Koaxial- und Hochfrequenzkabel - Teil 3-4:
Bauartspezifikation für halbflexible konfektionierte Kabel
(Rangierkabel), Frequenzbereich bis 6 GHz, halbflexibles
Koaxialkabel Typ 50-141
(IEC 60966-3-4:2023)

This European Standard was approved by CENELEC on 2023-04-11. 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 60966-3-4:2023 (E)**European foreword**

The text of document 46/928/FDIS, future edition 1 of IEC 60966-3-4, 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 60966-3-4:2023.

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) 2024-01-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-04-11

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Endorsement notice

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The text of the International Standard IEC 60966-3-4:2023 was approved by CENELEC as a European Standard without any modification.

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-11	-	Environmental testing - Part 2-11: Tests - Test Ka: Salt mist	EN IEC 60068-2-11	-
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 60966-3	-	Radio frequency and coaxial cable assemblies - Part 3: Sectional specification for semi-flexible coaxial cable assemblies	EN 60966-3	-
IEC 60966-3-1	-	Radio frequency and coaxial cable assemblies - Part 3-1: Blank detail specification for semi-flexible coaxial cable assemblies	EN 60966-3-1	-
IEC 61169-4	-	Radio-frequency connectors - Part 4: RF coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock - Characteristic impedance 50 Ω (type 7-16)	EN IEC 61169-4	-
IEC 61169-11	-	Radio-frequency connectors - Part 11: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 9,5 mm with threaded coupling - characteristic impedance 50 Ω (Type 4,1-9,5)	EN 61169-11	-
IEC 61169-53	-	Radio-frequency connectors - Part 53: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 16 mm with screw lock - Characteristic impedance 50 Ω (Type S7-16)	EN 61169-53	-
IEC 61169-54	-	Radio frequency connectors - Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω , Series 4,3-10	EN IEC 61169-54	-

EN IEC 60966-3-4:2023 (E)

IEC 61196-8-4	-	Coaxial communication cables - Part 8-4: Detail specification for 50-141 type semi-flexible cables with solid polytetrafluoroethylene (PTFE) insulation	-
IEC 61726	-	Cable assemblies, cables, connectors and passive microwave components - Screening attenuation measurement by the reverberation chamber method	EN IEC 61726 -

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



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de liaison), plage de fréquences jusqu'à 6 GHz, câble coaxial semi flexible
de type 50-141**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –**Part 3-4: Detail specification for semi-flexible cable assemblies (Jumper) –
Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable**

FOREWORD

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IEC 60966-3-4 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.

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

Draft	Report on voting
46/928/FDIS	46/932/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.

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. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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.

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

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

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