
Sestavi radiofrekvenčnih in koaksialnih kablov - 4-2. del: Podrobna specifikacija za poltoge kabelske sklope (prevezava) - Frekvenčno območje do 6000 MHz, poltogi koaksialni kabel tipa 50-9 (IEC 60966-4-2:2022)

Radio frequency and coaxial cable assemblies - Part 4-2: Detail specification for semi rigid cable assemblies (jumper) - Frequency range up to 6000 MHz, type 50-9 semi-rigid coaxial cable (IEC 60966-4-2:2022)

Hochfrequenz- und Koaxialkabelkonfektionen - Teil 4-2: Bauartspezifikation für halbstarre Kabelkonfektionen (Rangierkabel), Frequenzbereich bis 6 000 MHz, Typ 50-9 halbstarre Koaxialkabel (IEC 60966-4-2:2022)

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Cordons coaxiaux et cordons pour fréquences radioélectriques - Partie 4-2: Spécification particulière pour les cordons semi-rigides (jarretières) - Plage de fréquences jusqu'à 6 000 MHz, câble coaxial semi-rigide de type 50-9 (IEC 60966-4-2:2022)

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(IEC 60966-4-2:2022)

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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 60966-4-2:2022 (E)**European foreword**

The text of document 46/882/FDIS, future edition 1 of IEC 60966-4-2, 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 60966-4-2:2022.

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) 2023-05-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-08-01

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The text of the International Standard IEC 60966-4-2:2022 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.cenelec.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 60529	-	Degrees of protection provided by enclosures (IP Code)	-	-
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 60966-4	-	Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies	EN 60966-4	-
IEC 60966-4-1	-	Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies	EN 60966-4-1	-
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)	-	-
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 61169-16	-	Radio-frequency connectors - Part 16: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 7 mm (0,276 in) with screw coupling - Characteristics impedance 50 ohms (75 ohms) (type N)	EN 61169-16	-

EN IEC 60966-4-2:2022 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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	-
IEC 61196-11	-	Coaxial communication cables - Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



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Part 4-2: Detail specification for semi-rigid cable assemblies (jumper) –
Frequency range up to 6 000 MHz, type 50-9 semi-rigid coaxial cable**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –**Part 4-2: Detail specification for semi-rigid cable assemblies (jumper) –
Frequency range up to 6 000 MHz, type 50-9 semi-rigid coaxial cable**

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IEC 60966-4-2 has been prepared by subcommittee 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
46/882/FDIS	46/893/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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