SLOVENSKI STANDARD
SIST EN IEC 60966-4-4:2026

01-april-2026

Sestavi radiofrekvenčnih in koaksialnih kablov - 4-4. del: Poltogi koaksialni kabel - Podrobna specifikacija - Frekvenčno območje do 6000 MHz, večkanalni kabli tipa 50-5 (IEC 60966-4-4:2025)

Radio frequency and coaxial cable assemblies - Part 4-4: Semi-rigid coaxial cable - Detail specification - Frequency range up to 6 000 MHz, type 50-5 multi-channel cables (IEC 60966-4-4:2025)

Hochfrequenz- und Koaxialkabelkonfektionen - Teil 4-4: Bauartspezifikation für mehrkanalige halbstarre Kabelkonfektionen, Frequenzbereich bis 6000 MHz, mit halbstarrem Koaxialkabel vom Typ 50-5

Cordons coaxiaux et cordons pour fréquences radioélectriques - Partie 4-4: Spécification particulière pour cordons semi-rigides multicanaux - Plage de fréquences allant jusqu'à 6 000 MHz, câble coaxial semi-rigide de type 50-5

Ta slovenski standard je istoveten z: **EN IEC 60966-4-4:2026**

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

SIST EN IEC 60966-4-4:2026 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60966-4-4

February 2026

ICS 33.120.10

English Version

Radio frequency and coaxial cable assemblies - Part 4-4: Semi-rigid coaxial cable - Detail specification - Frequency range up to 6 000 MHz, type 50-5 multi-channel cables (IEC 60966-4-4:2025)

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(IEC 60966-4-4:2025)

Hochfrequenz- und Koaxialkabelkonfektionen - Teil 4-4: Bauartspezifikation für mehrkanalige halbstarre Kabelkonfektionen, Frequenzbereich bis 6000 MHz, mit halbstarrem Koaxialkabel vom Typ 50-5
(IEC 60966-4-4:2025)

This European Standard was approved by CENELEC on 2026-01-27. 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

Ref. No. EN IEC 60966-4-4:2026 E

European foreword

The text of document 46/1048/CDV, future edition 1 of IEC 60966-4-4, prepared by 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 60966-4-4:2026.

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) 2027-02-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2029-02-28

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Endorsement notice

The text of the International Standard IEC 60966-4-4:2025 was approved by CENELEC as a European Standard without any modification.

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.

Publication	Year	Title	EN/HD	Year
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)	EN 60529	-
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 IEC 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 IEC 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)	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 61169-16	-	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	-

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 61169-66	-	Radio-frequency connectors - Part 66: Sectional specification for RF coaxial connectors with 5 mm inner diameter of outer conductor, with quick-lock- or screw-coupling, characteristic impedance 50 Ω (series 2,2-5)	EN IEC 61169-66	-
IEC 61169-71	-	Radio-frequency connectors - Part 71: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 5,0 mm - Characteristic impedance 50 Ohms (type NEX10®)	EN IEC 61169-71	-
IEC 61196-11	-	Coaxial communication cables - Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric	-	-
IEC 63138-1	-	Multi-channel radio frequency connectors - Part 1: Generic specification - General requirements and test methods	EN IEC 63138-1	-
IEC 63138-2	-	Multi-channel radio-frequency connectors - Part 2: Sectional specification for MQ4 series circular connectors	EN IEC 63138-2	-
IEC 63138-3	-	Multi-channel radio frequency connectors - Part 3: Sectional specification for MQ5 series circular connectors	EN IEC 63138-3	-
IEC 63138-4	-	Multi-channel radio-frequency connectors - Part 4: Sectional specification for type L32-4 and L32-5 circular connectors	-	-

IEC 60966-4-4

Edition 1.0 2025-12

INTERNATIONAL STANDARD

Radio frequency and coaxial cable assemblies -
Part 4-4: Semi-rigid coaxial cable - Detail specification - Frequency range up to 6 000 MHz, type 50-5 multi-channel cables

ICS 33.120.10

ISBN 978-2-8327-0945-0

IEC 60966-4-4:2025-12(en)