



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN IEC 60966-3-4:2023. It is identical to IEC 60966-3-4:2023.

The UK participation in its preparation was entrusted to Technical Committee EPL/46, Cables, wires and waveguides, radio frequency connectors and accessories for communication and signalling.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

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
relative aux cordons semi-flexibles (câble de liaison), plage
de fréquences jusqu'à 6 GHz, câble coaxial semi-flexible de
type 50-141
(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)

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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

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 (dop) 2024-01-11 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-04-11 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 60966-3-4:2023 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.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 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 -