
Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies (IEC 966-4-1:1992)

Radio frequency and coaxial cable assemblies -- Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

Konfektionierte Koaxial- und Hochfrequenz-Kabel -- Teil 4-1: Vordruck für Bauartspezifikation für halbstarre konfektionierte Koaxialkabel

Ensembles de cordons coaxiaux et de cordons pour fréquences radioélectriques -- Partie 4-1: Spécification particulière cadre pour cordons coaxiaux semi-rigides

[https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-](https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996)

Ta slovenski standard je istoveten z: EN 60966-4-1:1994

ICS:

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

SIST EN 60966-4-1:1996**en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60966-4-1:1996

<https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996>

EUROPEAN STANDARD

EN 60966-4-1

NORME EUROPEENNE

EUROPÄISCHE NORM

June 1994

ICS 33.120.10

Descriptors: Radio frequency and coaxial cable assemblies, blank detail specification for semi-rigid assemblies

ENGLISH VERSION

Radio frequency and coaxial cable assemblies
Part 4-1: Blank detail specification for
semi-rigid coaxial cable assemblies
(IEC 966-4-1:1994)

Ensembles de cordons coaxiaux et
de cordons pour fréquences
radioélectriques
Partie 4-1: Spécification
particulière cadre pour cordons
coaxiaux semi-rigides
CEI 966-4-1:1994)

Konfektionierte Koaxial- und
Hochfrequenz-Kabel
Teil 4-1: Vordruck für
Bauartspezifikation für halbstarre
konfektionierte Koaxialkabel
(IEC 966-4-1:1994)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

This European Standard was approved by CENELEC on 1994-03-08.
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 Central Secretariat 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 Central Secretariat
has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium,
Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg,
Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 966-4-1:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60966-4-1 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-03-15
- latest date of withdrawal of conflicting national standards (dow) 1995-03-15

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

iTeh STANDARD PREVIEW
ENDORSEMENT NOTICE
(standards.iteh.ai)

The text of the International Standard IEC 966-4-1:1992 was approved by CENELEC as a European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996>

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

NOTE : When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
-----	----	-----	-----	----
68	series	Environmental testing	HD 323 EN 60068	series series
410	1973	Sampling plans and procedures for inspection by attributes	-	-

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 60966-4-1:1996](https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996)

<https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60966-4-1:1996

<https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-e5d429956cc8/sist-en-60966-4-1-1996>

NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
966-4-1

Première édition
First edition
1992-07

Ensembles de cordons coaxiaux et de
cordons pour fréquences radioélectriques

Partie 4-1:

Spécification particulière cadre
pour cordons coaxiaux semi-rigides

(standards.iteh.ai)

Radio frequency and coaxial cable assemblies

[https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-](https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-92648/sist-en-60966-4-1-1996)

Part 4-1: [sist-en-60966-4-1-1996](https://standards.iteh.ai/catalog/standards/sist/9675e274-c79a-4a9b-a07c-92648/sist-en-60966-4-1-1996)

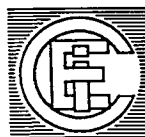
Blank detail specification for
semi-rigid coaxial cable assemblies

© CEI 1992 Droits de reproduction réservés — Copyright — all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembe Genève, Suisse



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

F

Pour prix, voir catalogue en vigueur
For price, see current catalogue

INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES

Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

(standards.iteh.ai)

This blank detail specification has been prepared by Sub-Committee 46A: Coaxial cables, of IEC Technical Committee No. 46: Cables, wires, waveguides, R.F. connectors and accessories for communication and signalling.

The text of this specification is based on the following documents:

DIS	Report on Voting
46A(CO)150	46A(CO)156

Full information on the voting for the approval of this specification can be found in the Voting Report indicated in the above table.

The following IEC publications are quoted in this specification:

IEC 68: Environmental testing.

IEC 410: 1973, Sampling plans and procedures for inspection by attributes.

RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES

Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

INTRODUCTION

This blank detail specification relates to semi-rigid 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 the insertion of data into the pro forma by a national standards organization, by an approved manufacturer or by a user (when prepared by a user, the detail specification shall be submitted to the national authorized institution by an approved manufacturer).

This blank detail specification shall be used with the following IEC publications:

IEC 966-1: 1988, *Generic specification for radio frequency and coaxial cable assemblies – Part 1: General requirements and test methods*.
Amendment 1: 1990.

IEC 966-4: 1992, *Radio frequency and coaxial cable assemblies – Part 4: Sectional specification for semi-rigid coaxial cable assemblies*.

Instructions to complete a blank detail specification

Detail specifications shall, as far as possible, be written in accordance with the pro forma which has:

- a front page with a general description and a drawing or isometric sketch of the cable assembly and its possible variants;
- ratings, characteristics and inspection requirements (those which are not required or specified shall be omitted).

Under quality assessment, tests are divided into groups. Whenever possible entire groups shall be either specified or omitted.

These groups are:

Ba (Basic)	Visual and dimensional tests;
Eb (Electrical basic)	Low frequency operational tests;
Eh (Electrical high frequency)	High frequency tests;
Ep (Electrical phase)	Electrical length tests;
Ee (Electrical screening effectiveness)	Screening effectiveness tests;
Ez (Electrical impedance Z)	Impedance uniformity tests;
Et (Electrical transmission)	Power rating test;
Mn (Mechanical)	Mechanical tests;
Vc (Environmental climatic)	Climatic tests;
Vv (Environmental vibration)	Vibration, bumps and shock tests;
Vt (Environmental temperature)	Humidity, rapid change of temperature and chemical tests;
Vf (Environmental flammability)	Flammability and water immersion tests.