



**SLOVENSKI STANDARD**  
**oSIST prEN IEC 60966-2-8:2025**

**01-marec-2025**

---

**Sestavi radiofrekvenčnih in koaksialnih kablov - 2-8. del: Podrobna specifikacija za kableske sestave za radijske in TV sprejemnike - Frekvenčno območje do 3000 MHz, zaslonski razred A++, konektorji po standardu IEC 61169-47**

Radio frequency and coaxial cable assemblies - Part 2-8: Detail specification for cable assemblies for radio and TV receivers - Frequency range up to 3000 MHz, screening class A++, IEC 61169-47 connectors

iTeh Standards

(<https://standards.iteh.ai>)

Cordons coaxiaux et cordons pour fréquences radioélectriques - Partie 2-8: Spécification particulière pour cordons de connexion de récepteurs radio ou TV - Plage de fréquences jusqu'à 3000 MHz, classe d'écrantage A++, connecteurs IEC 61169-47

[oSIST prEN IEC 60966-2-8:2025](https://standards.iteh.ai/standards/slovenian/osist-pr-en-iec-60966-2-8-2025)

<https://standards.iteh.ai/standards/slovenian/osist-pr-en-iec-60966-2-8-2025> Ta slovenski standard je istoveten z: **prEN IEC 60966-2-8:2025** [osist-pr-en-iec-60966-2-8-2025](https://standards.iteh.ai/standards/slovenian/osist-pr-en-iec-60966-2-8-2025)

---

**ICS:**

33.120.10 Koaksialni kabli. Valovodi Coaxial cables. Waveguides

**oSIST prEN IEC 60966-2-8:2025** en





# 46/1023/CDV

## COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: <b>IEC 60966-2-8 ED2</b>	
DATE OF CIRCULATION: <b>2025-01-03</b>	CLOSING DATE FOR VOTING: <b>2025-03-28</b>
SUPERSEDES DOCUMENTS: <b>46/989/CD, 46/1005/CC</b>	

IEC TC 46 : CABLES, WIRES, WAVEGUIDES, RF CONNECTORS, RF AND MICROWAVE PASSIVE COMPONENTS AND ACCESSORIES	
SECRETARIAT: United States of America	SECRETARY: Mr David Hess
OF INTEREST TO THE FOLLOWING COMMITTEES: SC 46A, SC 46F	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING  <b>Attention IEC-CENELEC parallel voting</b>  The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.  The CENELEC members are invited to vote through the CENELEC online voting system.	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

<https://standards.iteh.ai/catalog/standards/sist/51f6f6c9-c8a6-4e45-a38f-eca090bcf936/osist-pren-iec-60966-2-8-2025>

<https://standards.iteh.ai/catalog/standards/sist/51f6f6c9-c8a6-4e45-a38f-eca090bcf936/osist-pren-iec-60966-2-8-2025>

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

**Radio frequency and coaxial cable assemblies – Part 2-8: Detail specification for cable assemblies for radio and TV receivers – Frequency range up to 3000 MHz, Screening class A++, IEC 61169-47 connectors**

PROPOSED STABILITY DATE: 2028

NOTE FROM TC/SC OFFICERS:

**Copyright © 2024 International Electrotechnical Commission, IEC.** All rights reserved. It is permitted to download this electronic file, to make a copy and to print out the content for the sole purpose of preparing National Committee positions. You may not copy or "mirror" the file or printed version of the document, or any part of it, for any other purpose without permission in writing from IEC.

## CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references .....	6
3 Terms and definitions .....	6
4 Detail specification .....	7
Annex A (informative) Identification and marking .....	11
A.1 Identification – Type name .....	11
A.2 Marking.....	11
Table A.1 – Variants of connector .....	11

**iTeh Standards**  
**(<https://standards.iteh.ai>)**  
**Document Preview**

[oSIST prEN IEC 60966-2-8:2025](https://standards.iteh.ai/catalog/standards/sist/51f6f6c9-c8a6-4e45-a38f-eca090bef936/osist-pren-iec-60966-2-8-2025)

<https://standards.iteh.ai/catalog/standards/sist/51f6f6c9-c8a6-4e45-a38f-eca090bef936/osist-pren-iec-60966-2-8-2025>

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RADIO FREQUENCY AND COAXIAL CABLE ASSEMBLIES –****Part 2-8: Detail specification  
for cable assemblies for radio and TV receivers – Frequency range up to  
3 000 MHz, Screening class A++, IEC 61169-47 connectors**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

IEC 60966-2-8 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.

This second edition cancels and replaces the first edition published in 2022. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

[5] Drawing expanded by right angled connectors

[12] Female F-connectors canceled (not standardized by IEC 61169-47)

- [14] Reflection properties (Return loss): Different values for straight and right angled connectors  
 [14] Insertion loss: Different factors for insertion loss calculation for straight and right angled connectors,  
 [14] Loop resistance: Loop resistance was set to 1 Ohm max. value for the complete length.

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

Draft	Report on voting
46/xxx/FDIS	46/xxx/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://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](http://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.

**IMPORTANT – The "colour inside" logo on the cover page of this document indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.**