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**Radiofrekvenčni konektorji - 66. del: Področna specifikacija za radiofrekvenčne (RF) koaksialne konektorje z notranjim premerom zunanjih vodnikov 5 mm z zaklepno ali vijačno sklopko, karakteristična impedanca 50 Ohm (serija 2,2-5) (IEC 61169-66:2021)**

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 Ohm (series 2,2-5) (IEC 61169-66:2021)

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Hochfrequenz-Steckverbinder – Teil 66: Rahmenspezifikation für koaxiale HF-Steckverbinder mit 5 mm Innendurchmesser des Außenleiters, mit Schraub- oder Schnapp-Kupplung, Wellenwiderstand 50 Ohm, für den Einsatz bis zu 6 GHz – Typ 2.2-5 (IEC 61169-66:2021)

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Connecteurs pour fréquences radioélectriques - Partie 66 : Spécification intermédiaire relative aux connecteurs coaxiaux pour fréquences radioélectriques avec diamètre intérieur du conducteur extérieur de 5 mm à couplage à verrouillage rapide ou à vis, impédance caractéristique de 50  $\Omega$  (série 2,2-5) (IEC 61169-66:2021)

**Ta slovenski standard je istoveten z: EN IEC 61169-66:2021**

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EUROPEAN STANDARD

EN IEC 61169-66

NORME EUROPÉENNE

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English Version

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)  
(IEC 61169-66:2021)

Connecteurs pour fréquences radioélectriques - Partie 66:  
Spécification intermédiaire relative aux connecteurs  
coaxiaux pour fréquences radioélectriques avec diamètre  
intérieur du conducteur extérieur de 5 mm à couplage à  
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50 Ω (série 2,2-5)  
(IEC 61169-66:2021)

Hochfrequenz-Steckverbinder - Teil 66:  
Rahmenspezifikation für koaxiale HF-Steckverbinder mit 5  
mm Innendurchmesser des Außenleiters, mit Schraub- oder  
Schnellverriegelungs-Kupplung, Wellenwiderstand 50 Ohm  
(Reihe 2.2-5)  
(IEC 61169-66:2021)

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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 61169-66:2021 (E)****European foreword**

The text of document 46F/543/FDIS, future edition 1 of IEC 61169-66, prepared by SC 46F "RF and microwave passive components" of 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 61169-66:2021.

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) 2021-12-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-03-30

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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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61169-1	2013	Radio frequency connectors - Part 1: Generic specification - General requirements and measuring methods	EN 61169-1	2013
IEC 62037-1	2012	Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods	EN 62037-1	2012

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**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  $\Omega$  (series 2,2-5)**

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**Connecteurs pour fréquences radioélectriques –  
Partie 66: Spécification intermédiaire relative aux connecteurs coaxiaux pour  
fréquences radioélectriques avec diamètre intérieur du conducteur extérieur de  
5 mm à couplage à verrouillage rapide ou à vis, impédance caractéristique de  
50  $\Omega$  (série 2,2-5)**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## 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  $\Omega$  (series 2,2-5)**

## FOREWORD

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IEC 61169-66 has been prepared by subcommittee 46F: RF and microwave passive components, of 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:

FDIS	Report on voting
46F/543/FDIS	46F/552/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 of the IEC 61169 series, under the general title *Radio-frequency connectors*, 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 "<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
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