

**SLOVENSKI STANDARD  
SIST EN IEC 61169-4:2023****01-januar-2023****Nadomešča:  
SIST HD 134.4 S2:2002**

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**Radiofrekvenčni konektorji - 4. del: Radiofrekvenčni (RF) konektorji z notranjim premerom zunanjega vodnika 16 mm (0,63 in) z navojnim spajanjem - Karakteristična impedanca 50 ohm (tip 7-16)**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  $\Omega$  (type 7-16)

Hochfrequenz-Steckverbinder - Teil 4: Koaxiale Hochfrequenzsteckverbinder mit 16 mm (0,63 in) Innendurchmesser des Außenleiters und Schraubverschluss - Wellenwiderstand 50 Ohm (Typ 7-16)

Connecteurs pour fréquences radioélectriques - Partie 4: Connecteurs coaxiaux pour fréquences radioélectriques de diamètre intérieur du conducteur extérieur de 16 mm (0,63 in) à verrouillage à vis - Impédance caractéristique 50  $\Omega$  (type 7-16)**Ta slovenski standard je istoveten z: EN IEC 61169-4:2022****ICS:**33.120.30      Radiofrekvenčni konektorji      RF connectors  
(RF)**SIST EN IEC 61169-4:2023                      en**



EUROPEAN STANDARD

EN IEC 61169-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2022

ICS 29.120.10

Supersedes HD 134.4 S2:1977

English Version

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  $\Omega$  (type 7-16)  
(IEC 61169-4:2008)

Connecteurs pour fréquences radioélectriques - Partie 4:  
Connecteurs coaxiaux pour fréquences radioélectriques de  
diamètre intérieur du conducteur extérieur de 16 mm (0,63  
in) à verrouillage à vis - Impédance caractéristique 50  $\Omega$   
(type 7-16)  
(IEC 61169-4:2008)

Hochfrequenz-Steckverbinder - Teil 4: Koaxiale  
Hochfrequenzsteckverbinder mit 16 mm (0,63 in)  
Innendurchmesser des Außenleiters und  
Schraubverschluss - Wellenwiderstand 50 Ohm (Typ 7-16)  
(IEC 61169-4:2008)

This European Standard was approved by CENELEC on 2022-10-11. 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.

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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

**EN IEC 61169-4:2022 (E)****European foreword**

The text of document 46F/60/FDIS, future edition 1 of IEC 61169-4, 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 61169-4:2022.

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) 2023-07-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-10-11

This document supersedes HD 134.4 S2:1977 and all of its amendments and corrigenda (if any).

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**Endorsement notice**

The text of the International Standard IEC 61169-4:2008 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61169-1	-	Radio-frequency connectors - Part 1: Generic specification - General requirements and measuring methods	-	-
IEC 62037	-	RF connectors, connector cable assemblies and cables - Intermodulation level measurement	-	-

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IEC 61169-4

Edition 1.0 2008-04

# INTERNATIONAL STANDARD

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**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  $\Omega$  (type 7-16)**

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INTERNATIONAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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)**

## FOREWORD

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International Standard IEC 61169-4 has been prepared by subcommittee 46F: RF and microwave passive components, of IEC technical committee 46: Cables, wires, waveguides, r.f. connectors, r.f. and microwave passive components and accessories.

This standard cancels and replaces IEC/PAS 61169-4 published in 2006. This first edition constitutes a technical revision.

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

FDIS	Report on voting
46F/60/FDIS	46F/71/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 61169 series, published under the general title *Radio-frequency connectors*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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