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**Radiofrekvenčni konektorji - 50. del: Področne specifikacije za visokofrekvenčne koaksialne konektorje z notranjim premerom zunanjih vodnikov 4,11 mm in zaklepnim sistemom - Karakteristična impedanca 50 Ohm (tip QMA) (IEC 61169-50:2014)**

Radio-frequency connectors - Part 50: Sectional specifications RF coaxial connectors with inner diameter of outer conductors 4.11 mm with quick lock system - Characteristics impedance 50 Ohm (type QMA) (IEC 61169-50:2014)

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Hochfrequenz-Steckverbinder - (Teil 50: Rahmenspezifikation für koaxiale HF Steckverbinder mit 4,11 mm Innendurchmesser des Außenleiters und Schnellverriegelung - Wellenwiderstand 50 Ohm (Typ QMA) (IEC 61169-50:2014)

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Connecteurs pour fréquences radioélectriques - Partie 50: Spécification intermédiaire relative aux connecteurs coaxiaux pour fréquences radioélectriques avec diamètre intérieur des conducteurs extérieurs de 4,11 mm à système de verrouillage rapide - Impédance caractéristique 50 Ohm (type QMA) (IEC 61169-50:2014)

**Ta slovenski standard je istoveten z: EN 61169-50:2015**

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(RF)

**SIST EN 61169-50:2015**

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EUROPEAN STANDARD

**EN 61169-50**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2015

ICS 33.120.30

English Version

**Radio-frequency connectors - Part 50: Sectional specification for  
RF coaxial connectors with inner diameter of outer conductors  
4,11 mm with quick lock system - Characteristic impedance  
50 Ohm (type QMA)  
(IEC 61169-50:2014)**

Connecteurs pour fréquences radioélectriques - Partie 50:  
Spécification intermédiaire relative aux connecteurs  
coaxiaux pour fréquences radioélectriques avec diamètre  
intérieur des conducteurs extérieurs de 4,11 mm à système  
de verrouillage rapide - Impédance caractéristique 50 Ohm  
(type QMA)  
(IEC 61169-50:2014)

Hochfrequenz-Steckverbinder - Teil 50:  
Rahmenspezifikation für koaxiale HF Steckverbinder mit  
4,11 mm Innendurchmesser des Außenleiters und  
Schnellverriegelung - Wellenwiderstand 50 Ohm (Typ QMA)  
(IEC 61169-50:2014)

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

The text of document 46F/264/CDV, future edition 1 of IEC 61169-50, prepared by SC 46F "R.F. and microwave passive components", of IEC/TC 46 "Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61169-50:2015.

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) 2015-09-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-11-27

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The text of the International Standard IEC 61169-50:2014 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, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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	series	Passive RF and microwave devices, intermodulation level measurement	EN 62037	series

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IEC 61169-50

Edition 1.0 2014-10

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



**Radio-frequency connectors –  
Part 50: Sectional specification for RF coaxial connectors with inner diameter of  
outer conductors 4,11 mm with quick lock system – Characteristic impedance  
50  $\Omega$  (type QMA)**

SIST EN 61169-50:2015

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**Connecteurs pour fréquences radioélectriques –  
Partie 50: Spécification intermédiaire relative aux connecteurs coaxiaux pour  
fréquences radioélectriques avec diamètre intérieur des conducteurs  
extérieurs de 4,11 mm à système de verrouillage rapide – Impédance  
caractéristique 50  $\Omega$  (type QMA)**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## RADIO-FREQUENCY CONNECTORS –

**Part 50: Sectional specification for RF coaxial connectors with inner diameter of outer conductors 4,11 mm with quick lock system – Characteristic impedance 50  $\Omega$  (type QMA)**

## FOREWORD

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International Standard IEC 61169-50 has been prepared by subcommittee 46F: R.F. and microwave passive components, of IEC technical committee 46: Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories.

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

CDV	Report on voting
46F/264/CDV	46F/285/RVC

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 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 publication will remain unchanged until the stability 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

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## INTRODUCTION

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