

SLOVENSKI STANDARD SIST EN 61169-47:2013

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Radiofrekvenčni konektorji - 47. del: Področna specifikacija - Radiofrekvenčni koaksialni konektorji z zaskočnim spajanjem, tipični za uporabo v 75-ohmskih kabelskih omrežjih (vrste F-Quick) (IEC 61169-47:2012)

Radio-frequency connectors - Part 47: Sectional specification - Radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick) (IEC 61169-47:2012)

Hochfrequenzsteckverbinder – Teil 47: Rahmenspezifikation - Koaxiale Hochfrequenzsteckverbinder mit Klemmkupplung, vorzugsweise für den Einsatz in 75-Ω-Kabelnetzen (Typ F-Quick) (IEC 61169-47:2012)

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Connecteurs pour fréquences radioélectriques Partie 47: Spécification intermédiaire relatives aux connecteurs coaxiaux pour fréquences radioélectriques avec couplage par bride, spécifiquement utilisés dans les réseaux câblés 75 Ω (type F-Quick) (CEI 61169-47:2012)

Ta slovenski standard je istoveten z: EN 61169-47:2012

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(RF)

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EUROPEAN STANDARD

EN 61169-47

NORME EUROPÉENNE EUROPÄISCHE NORM

November 2012

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English version

Radio-frequency connectors -

Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)

(IEC 61169-47:2012)

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(type F-Quick) (CEI 61169-47:2012) Hochfrequenzsteckverbinder Teil 47: Rahmenspezifikation Koaxiale Hochfrequenzsteckverbinder mit
Klemmkupplung, vorzugsweise für den
Einsatz in 75-Ω-Kabelnetzen (Typ F-

PQuick) (IEC 61169-47:2012)

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Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 46F/204/CDV, future edition 1 of IEC 61169-47, 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 61169-47:2012.

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 61169-1 + A1 + A2	1992 1996 1997	Radio-frequency connectors - Part 1: Generic specification - General requirements and measuring methods	EN 61169-1 + A1 + A2	1994 1996 1997
IEC 61169-24	2009	Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 ohm cable networks (type F)	EN 61169-24	2009

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IEC 61169-47

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INTERNATIONAL STANDARD



Radio-frequency dontectors ANDARD PREVIEW

Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO-FREQUENCY CONNECTORS -

Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)

FOREWORD

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International Standard IEC 61169-47 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/204/CDV	46F/213/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.

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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

- 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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RADIO-FREQUENCY CONNECTORS -

Part 47: Sectional specification for radio-frequency coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick)

Scope

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for RF coaxial connectors with clamp coupling, typically for use in 75 Ω cable networks (type F-Quick).

It describes the interface dimensions with gauging information, electrical and mechanical performance including the mandatory tests selected from IEC 61169-1:1992, applicable to all DS relating to type F-Quick connectors.

This specification indicates the recommended performance characteristics to be considered when writing a DS and covers test schedules and inspection requirements.

NOTE This interface is typically used for indoor connections, which are easily disconnected and reconnected. The typical application is for F type coaxial receiver leads or F-type coaxial patch cables. The interface may also be known as a Push - On connector.

standards.iteh.ai) It is preferred to use the fixed (screwed) connectors type F according to IEC 61169-24:2009.

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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.

IEC 61169-1:1992, Radio-frequency connectors - Part 1: Generic specification - General requirements and measuring methods1

Amendment 1:1996 Amendment 2:1997

IEC 61169-24:2009, Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 Ω cable networks (type F)

Interface dimensions

3.1 **Dimensions**

3.1.1 Common dimensions

Millimetres are original dimensions.

All un-dimensioned pictorial configurations are for reference purposes only.

There exists a consolidated edition 1.2 (1998) that comprises IEC 61169-1:1992, its Amendment 1:1996 and its Amendment 2:1997.