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This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/14

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EN 61169-45

August 2014

ICS 33.120.30

English Version

**Radio-frequency connectors -Part 45: Sectional specification for
series SQMA series quick lock RF coaxial connectors
(IEC 61169-45:2014)**

Connecteurs pour fréquences radioélectriques - Partie 45:
Spécification intermédiaire relative aux connecteurs
coaxiaux RF à verrouillage rapide, série SQMA
(CEI 61169-45:2014)

Hochfrequenz-Steckverbinder - Teil 45:
Rahmenspezifikation für koaxiale HF Steckverbinder der
SQMA-Serie mit Schnellverriegelung
(IEC 61169-45:2014)

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Foreword

The text of document 46F/238/CDV, future edition 1 of IEC 61169-45, 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 61169-45:2014.

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Annex ZA

(normative)

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with their corresponding European publications**

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: 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 61169-45

Edition 1.0 2014-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Radio-frequency connectors –
Part 45: Sectional specification for SQMA series quick lock RF coaxial
connectors**

**Connecteurs pour fréquences radioélectriques –
Partie 45: Spécification intermédiaire relative aux connecteurs coaxiaux RF à
verrouillage rapide, série SQMA**



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IEC 61169-45

Edition 1.0 2014-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Radio-frequency connectors –
Part 45: Sectional specification for SQMA series quick lock RF coaxial
connectors**

**Connecteurs pour fréquences radioélectriques –
Partie 45: Spécification intermédiaire relative aux connecteurs coaxiaux RF à
verrouillage rapide, série SQMA**

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RADIO-FREQUENCY CONNECTORS –**Part 45: Sectional specification for SQMA
series quick lock RF coaxial connectors****FOREWORD**

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

CDV	Report on voting
46F/238/CDV	46F/256/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.

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RADIO-FREQUENCY CONNECTORS –

Part 45: Sectional specification for SQMA series quick lock RF coaxial connectors

1 Scope

This part of IEC 61169, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for type SQMA quick lock RF coaxial connectors.

The connectors are normally used with 50 Ω in microwave, telecommunication, wireless and other fields, connecting with RF cables or micro-strips. The operating frequency limit is up to 18 GHz.

It describes the interface dimensions for general purpose connectors grade 2 and standard test connectors – grade 0 with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all detail specifications relative to type SQMA connectors.

This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements for assessment levels M and H.

2 Normative references

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IEC 61169-1:2013, *Radio-frequency connectors – Part 1: Generic specification – General requirements and measuring methods*

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