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Anslutningsdon för höghäns – Del 44: Gruppsspecifikation för koaxialdon typ SMP (instickskontakter)

Radio-frequency connectors –

Part 44: Sectional specification for series SMP push-on radio-frequency coaxial connectors

Som svensk standard gäller europastandarden EN 61169-44:2013. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61169-44:2013.

Nationellt förord

Europastandarden EN 61169-44:2013

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61169-44, First edition, 2012 - Radio-frequency connectors - Part 44: Sectional specification for series SMP push-on radio-frequency coaxial connectors**

utarbetad inom International Electrotechnical Commission, IEC.

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**Radio-frequency connectors -
Part 44: Sectional specification for series SMP push-on radio-frequency
coaxial connectors
(IEC 61169-44:2012)**

Connecteurs pour fréquences
radioélectriques -
Partie 44: Spécification intermédiaire
relative aux connecteurs coaxiaux pour
fréquences radioélectriques glissants,
série SMP
(CEI 61169-44:2012)

Hochfrequenz-Steckverbinder -
Teil 44: Rahmenspezifikation für koaxiale
HF-Steckverbinder der SMP-Serie mit
Push-on-Einrastmechanismus
(IEC 61169-44:2012)

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CENELEC

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

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Foreword

The text of document 46F/184/CDV, future edition 1 of IEC 61169-44, 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 61169-44:2013.

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) 2013-12-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-01-16

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Endorsement notice

The text of the International Standard IEC 61169-44:2012 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 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>	<u>EN/HD</u>	<u>Year</u>
IEC 61169-1	1992	Radio-frequency connectors -	EN 61169-1	1994
+ A1	1996	Part 1: Generic specification - General	+ A1	1996
+ A2	1997	requirements and measuring methods	+ A2	1997

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RADIO-FREQUENCY CONNECTORS –

Part 44: Sectional specification for series SMP push-on radio-frequency coaxial connectors

1 Scope

This part of IEC 61169 which is a sectional specification (SS) provides information and rules for preparation of detail specification of SMP series push-on RF coaxial connectors together with the pro-forma blank detail specification.

The SMP push-on series connectors with characteristic impedance of 50 Ω are used with RF cables or micro-strips in microwave, telecommunication, wireless and other fields. The operating frequency limit is up to 40 GHz.

It also prescribes mating face dimensions for general purpose connectors – grade 1, dimensional details of standard test connectors – grade 0, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series SMP RF connectors.

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

NOTE Metric dimension are original dimensions.

All undimensioned pictorial configurations are for reference purpose only.

2 Normative references

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 methods*¹

Amendment 1:1996

Amendment 2:1997

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