

Radio-frequency connectors - Part 65: Sectional specification for RF coaxial connectors, 1,35 mm inner diameter of outer conductor, with screw-coupling,
characteristic impedance 50 Ω

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 61169-65:2021 sisaldb Euroopa standardi EN IEC 61169-65:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61169-65:2021 consists of the English text of the European standard EN IEC 61169-65:2021.
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Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 26.02.2021.	Date of Availability of the European standard is 26.02.2021.
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61169-65

February 2021

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English Version

Radio-frequency connectors - Part 65: Sectional specification for
RF coaxial connectors, 1,35 mm inner diameter of outer
conductor, with screw-coupling, characteristic impedance 50 Ω
(IEC 61169-65:2021)

Connecteurs pour fréquences radioélectriques - Partie 65:
Spécification intermédiaire relative aux connecteurs
coaxiaux pour fréquences radioélectriques, avec un
diamètre intérieur du conducteur extérieur de 1,35 mm, à
couplage à vis, impédance caractéristique de 50 Ω
(IEC 61169-65:2021)

Hochfrequenz-Steckverbinder - Teil 65:
Rahmenspezifikation für koaxiale HF-Steckverbinder mit
1,35 mm Innendurchmesser des Außenleiters, mit
Schraubkupplung, Wellenwiderstand 50 Ohm, für den
Einsatz bis 90 GHz
(IEC 61169-65:2021)

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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

European foreword

The text of document 46F/527(F)/FDIS, future edition 1 of IEC 61169-65, 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 61169-65:2021.

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) 2021-11-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-02-23

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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.

<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:EN 61169-1 Generic specification - General requirements and measuring methods		2013
IEC 61726	-	Cable assemblies, cables, connectors andEN 61726 passive microwave components - Screening attenuation measurement by the reverberation chamber method		-
IEC 62037	-	RF connectors, connector cable-assemblies and cables - Intermodulation level measurement		-
IEC 62153-4-7	-	Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z_T and screening attenuation a_s or coupling attenuation a_c of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method	EN 62153-4-7	-

INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO-FREQUENCY CONNECTORS –**Part 65: Sectional specification for RF coaxial connectors,
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characteristic impedance 50 Ω****FOREWORD**

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International Standard IEC 61169-65 has been prepared by subcommittee 46F: RF and microwave passive components, of IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
46F/527/FDIS	46F/542/RVD

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

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

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