

STN	Vysokofrekvenčné konektory Časť 67: Rámcová špecifikácia triaxiálnych závitových konektorov série TRL	STN EN IEC 61169-67 35 3811
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Radio frequency connectors - Part 67: Sectional specification for series TRL threaded triaxial connectors

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/22

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EUROPEAN STANDARD
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EN IEC 61169-67

April 2022

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English Version

**Radio frequency connectors - Part 67: Sectional specification for
series TRL threaded triaxial connectors
(IEC 61169-67:2022)**

Connecteurs pour fréquences radioélectriques - Partie 67:
Spécification intermédiaire relative aux connecteurs
triaxiaux filetés de série TRL
(IEC 61169-67:2022)

Hochfrequenz-Steckverbinder - Teil 67:
Rahmenspezifikation für triaxiale Steckverbinder mit
Gewinde der Serie TRL
(IEC 61169-67:2022)

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Europäisches Komitee für Elektrotechnische Normung

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EN IEC 61169-67:2022 (E)**European foreword**

The text of document 46F/599/FDIS, future edition 1 of IEC 61169-67, 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 61169-67:2022.

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Annex ZA (normative)

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<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 61169-1-5	-	Radio frequency connectors - Part 1-5: Electrical test methods - Rise time degradation	EN IEC 61169-1-5	-



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Radio-frequency connectors –
Part 67: Sectional specification for series TRL threaded triaxial connectors**

**Connecteurs pour fréquences radioélectriques –
Partie 67: Spécification intermédiaire relative aux connecteurs triaxiaux filetés
de série TRL**





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INTERNATIONAL STANDARD

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**Radio-frequency connectors –
Part 67: Sectional specification for series TRL threaded triaxial connectors**

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Partie 67: Spécification intermédiaire relative aux connecteurs triaxiaux filetés
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

RADIO-FREQUENCY CONNECTORS –**Part 67: Sectional specification for series TRL threaded triaxial connectors**

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IEC 61169-67 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. It is an International Standard.

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

Draft	Report on voting
46F/599/FDIS	46F/609/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts of the IEC 61169 series, under the general title *Radio frequency connectors* can be found on the IEC website.

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- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

RADIO-FREQUENCY CONNECTORS –

Part 67: Sectional specification for series TRL threaded triaxial 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 series TRL threaded triaxial connectors. Series TRL threaded triaxial connectors with high reliability, small size, good salt characteristics can be connected with symmetrically twisted pair cables or triaxial cables. It has been used in 1553B data bus systems or other communication systems for digital signal transmission.

It specifies mating face dimensions for series TRL threaded triaxial connectors, gauging information and tests selected from IEC 61169-1, applicable to all detail specifications relating to series TRL threaded triaxial connectors.

This specification indicates 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 dimensions are original dimensions. All undimensioned pictorial configurations are for reference purpose only.

2 Normative references

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.

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

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