

<b>STN</b>	<b>Vysokofrekvenčné konektory Časť 1-6: Elektrické skúšobné metódy VF výkon</b>	<b>STN EN IEC 61169-1-6</b>  35 3811
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Radio-frequency connectors - Part 1-6: Electrical test methods - RF power

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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English Version

**Radio-frequency connectors - Part 1-6: Electrical test methods -  
RF power  
(IEC 61169-1-6:2022)**

Connecteurs pour fréquences radioélectriques - Partie 1-6:  
Méthodes d'essai électrique - Puissance RF  
(IEC 61169-1-6:2022)

Hochfrequenz-Steckverbinder - Teil 1-6: Elektrische  
Prüfverfahren - HF-Leistung  
(IEC 61169-1-6:2022)

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Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 61169-1-6:2022 (E)****European foreword**

The text of document 46F/598/FDIS, future edition 1 of IEC 61169-1-6, 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 61169-1-6:2022.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61169-1	-	Radio frequency connectors - Part 1: Generic specification - General requirements and measuring methods	EN 61169-1	-
IEC 61169-1-4	-	Radio-frequency connectors - Part 1-4: Electrical test methods - Voltage standing wave ratio, return loss and reflection coefficient	EN IEC 61169-1-4	-



IEC 61169-1-6

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



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**Radio-frequency connectors –  
Part 1-6: Electrical test methods – RF power**

**Connecteurs pour fréquences radioélectriques –  
Partie 1-6: Méthodes d'essai électrique – Puissance RF**



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IEC Secretariat  
3, rue de Varembe  
CH-1211 Geneva 20  
Switzerland

Tel.: +41 22 919 02 11  
[info@iec.ch](mailto:info@iec.ch)  
[www.iec.ch](http://www.iec.ch)

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IEC 61169-1-6

Edition 1.0 2022-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Radio-frequency connectors –  
Part 1-6: Electrical test methods – RF power**

**Connecteurs pour fréquences radioélectriques –  
Partie 1-6: Méthodes d'essai électrique – Puissance RF**

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**RADIO-FREQUENCY CONNECTORS –****Part 1-6: Electrical test methods – RF power**

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IEC 61169-1-6 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/598/FDIS	46F/612/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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## **RADIO-FREQUENCY CONNECTORS –**

### **Part 1-6: Electrical test methods – RF power**

#### **1 Scope**

This part of IEC 61169 provides test methods for RF power rating and power handling of RF connectors at specified frequency, temperature and altitude.

This document is applicable to cabled RF connectors, microstrip RF connectors and RF connector adapters. It is also suitable to test RF channels in multi-channel RF connectors and hybrid connectors.

#### **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, *Radio frequency connectors – Part 1: Generic specification – General requirements and measuring methods*

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