

<b>STN</b>	<b>Vysokofrekvenčné konektory Časť 1-2: Elektrické skúšobné metódy Vložený útlm</b>	<b>STN EN IEC 61169-1-2</b>  35 3811
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Radio-frequency connectors - Part 1-2: Electrical test methods - Insertion loss

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. 03/20

Obsahuje: EN IEC 61169-1-2:2019, IEC 61169-1-2:2019

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**EN IEC 61169-1-2**

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November 2019

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English Version

**Radio-frequency connectors - Part 1-2: Electrical test methods -  
Insertion loss  
(IEC 61169-1-2:2019)**

Connecteurs pour fréquences radioélectriques - Partie 1-2:  
Méthodes d'essai électrique - Perte d'insertion  
(IEC 61169-1-2:2019)

Hochfrequenz-Steckverbinder - Teil 1-2: Elektrische  
Prüfverfahren - Einfügungsdämpfung  
(IEC 61169-1-2:2019)

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Europäisches Komitee für Elektrotechnische Normung

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

**EN IEC 61169-1-2:2019 (E)****European foreword**

The text of document 46F/466/FDIS, future edition 1 of IEC 61169-1-2, 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 61169-1-2:2019.

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### **Normative references to international publications with their corresponding European publications**

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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 61169-1-2

Edition 1.0 2019-09

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Radio-frequency connectors –  
Part 1-2: Electrical test methods – Insertion loss**

**Connecteurs pour fréquences radioélectriques –  
Partie 1-2: Méthodes d'essai électrique – Perte d'insertion**





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IEC 61169-1-2

Edition 1.0 2019-09

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**Radio-frequency connectors –  
Part 1-2: Electrical test methods – Insertion loss**

**Connecteurs pour fréquences radioélectriques –  
Partie 1-2: Méthodes d’essai électrique – Perte d’insertion**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## RADIO-FREQUENCY CONNECTORS –

## Part 1-2: Electrical test methods – Insertion loss

## FOREWORD

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International Standard IEC 61169-1-2 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/466/FDIS	46F/480/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.

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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

## **RADIO-FREQUENCY CONNECTORS –**

### **Part 1-2: Electrical test methods – Insertion loss**

#### **1 Scope**

This part of IEC 61169 provides test methods for the insertion loss of radio-frequency (RF) connectors.

This document is applicable to cable RF connectors, microstrip RF connectors and RF connector adapters. It is also applicable to RF channels in multi-RF channel connectors and hybrid connectors which contain any combination of coaxial contact, optical fibres contact, and current-carrying electrical contact element.

#### **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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