



**BSI Standards Publication**

## **Radio-frequency connectors**

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Part 17: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 6,5 mm (0,256 in) with screw coupling — Characteristic impedance 50 ohms (Type TNC)

This is a preview of "BS EN IEC 61169-17:2...". [Click here to purchase the full version from the ANSI store.](#)

## National foreword

This British Standard is the UK implementation of EN IEC 61169-17:2022. It is identical to IEC 61169-17:2022.

The UK participation in its preparation was entrusted to Technical Committee EPL/46, Cables, wires and waveguides, radio frequency connectors and accessories for communication and signalling.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2022

ISBN 978 0 539 16065 9

ICS 33.120.30

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2022.

### Amendments/corrigenda issued since publication

Date	Text affected
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## EUROPÄISCHE NORM

April 2022

ICS 33.120.30

English Version

Radio-frequency connectors - Part 17: Sectional specification for  
RF coaxial connectors with inner diameter of outer conductor 6,5  
mm (0,256 in) with screw coupling - Characteristic impedance 50  
ohms (Type TNC)  
(IEC 61169-17:2022)

Connecteurs pour fréquences radioélectriques - Partie 17:  
Spécification intermédiaire relative aux connecteurs RF  
coaxiaux à couplage à vis avec conducteur extérieur  
présentant un diamètre intérieur de 6,5 mm (0,256 in) -  
Impédance caractéristique de 50 ohms (type TNC)  
(IEC 61169-17:2022)

Hochfrequenz-Steckverbinder - Hochfrequenz-Koaxial-  
Steckverbinder mit einem Innendurchmesser des  
Außenleiters von 6,5 mm (0,256 in) mit Schraubkupplung -  
Wellenwiderstand 50 Ohm (Typ TNC)  
(IEC 61169-17:2022)

This European Standard was approved by CENELEC on 2022-04-08. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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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

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## **European foreword**

The text of document 46F/603/FDIS, future edition 1 of IEC 61169-17, 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 61169-17:2022.

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) 2023-01-08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-04-08

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## **Endorsement notice**

The text of the International Standard IEC 61169-17:2022 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61169-26:2013 NOTE Harmonized as EN 61169-26:2013 (not modified)

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(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](http://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: Generic specification - General requirements and measuring methods	EN 61169-1	2013
IEC 62153-4-7	-	Metallic cables and other passive components 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 - Triaxial tube in tube method	EN IEC 62153-4-7	-
IEC 62037-3	-	Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors	EN IEC 62037-3	-

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