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**Aeronavtika - Konektorji, koaksialni, radiofrekvenčni - 002. del: Specifikacija  
zmogljivosti**

Aerospace series - Connectors, coaxial, radiofrequency - Part 002: Specification of  
performances

Luft- und Raumfahrt - Koaxiale Hochfrequenz-Steckverbinder - Teil 002: Leistungsdaten

**iTeh STANDARD PREVIEW**

Série aérospatiale - Connecteurs coaxiaux pour radio fréquences - Partie 002 :  
Spécification de performances

[SIST EN 4652-002:2018](https://standards.iteh.ai/catalog/standards/sist/7c4c58eb-f3cc-4cd6-b617-69ac8d7007da/sist-en-4652-002-2018)

**Ta slovenski standard je istoveten z: EN 4652-002:2017**

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**ICS:**

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

**SIST EN 4652-002:2018****en,fr,de**

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EUROPEAN STANDARD

EN 4652-002

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 49.060

English Version

## Aerospace series - Connectors, coaxial, radiofrequency - Part 002: Specification of performances

Série aérospatiale - Connecteurs coaxiaux pour radio  
fréquences - Partie 002 : Spécification de performances

Luft- und Raumfahrt - Koaxiale Hochfrequenz-  
Steckverbinder - Teil 002: Leistungsdaten

This European Standard was approved by CEN on 28 August 2017.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN 4652-002:2017) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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**EN 4652-002:2017 (E)****1 Scope**

This European Standard specifies the list of product standards and common characteristics of connectors coaxial radio frequency for use in electrical systems of aircraft.

**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.

EN 4652-001, *Aerospace series — Connectors, coaxial, radio frequency — Part 001: Technical specification*

**3 List of product standards**

EN 4652-110, *Aerospace series — Connectors, coaxial, radio frequency — Part 110: Type 1, BNC interface — Clamp nut assembly version — Straight plug — Product standard*

EN 4652-111, *Aerospace series — Connectors, coaxial, radio frequency — Part 111: Type 1, BNC interface — Clamp nut assembly version — Right angle plug — Product standard*

EN 4652-112, *Aerospace series — Connectors, coaxial, radio frequency — Part 112: Type 1, BNC interface — Clamp nut assembly version — Square flange receptacle — Product standard*

EN 4652-113, *Aerospace series — Connectors, coaxial, radio frequency — Part 113: Type 1, BNC interface — Clamp nut assembly version — Bulkhead receptacle — Product standard*

EN 4652-210, *Aerospace series — Connectors, coaxial, radio frequency — Part 210: Type 2, TNC interface — Clamp nut assembly version — Straight plug — Product standard*

EN 4652-211, *Aerospace series — Connectors, coaxial, radio frequency — Part 211: Type 2, TNC interface — Clamp nut assembly version — Right angle plug — Product standard*

EN 4652-212, *Aerospace series — Connectors, coaxial, radio frequency — Part 212: Type 2, TNC interface — Clamp nut assembly version — Square flange receptacle — Product standard*

EN 4652-213, *Aerospace series — Connectors, coaxial, radio frequency — Part 213: Type 2, TNC interface — Clamp nut assembly version — Bulkhead receptacle — Product standard*

EN 4652-220, *Aerospace series — Connectors, coaxial, radio frequency — Part 220: Type 2, TNC interface — Crimp version — Straight plug — Product standard*

EN 4652-221, *Aerospace series — Connectors, coaxial, radio frequency — Part 221: Type 2, TNC interface — Crimp version — Right angle plug — Product standard*

EN 4652-222, *Aerospace series — Connectors, coaxial, radio frequency — Part 222: Type 2, TNC interface — Crimp version — Square flange receptacle — Product standard*

EN 4652-310, *Aerospace series — Connectors, coaxial, radio frequency — Part 310: Type 3, N interface — Clamp nut assembly version — Straight plug — Product standard*

EN 4652-311, *Aerospace series — Connectors, coaxial, radio frequency — Part 311: Type 3, N interface — Clamp nut assembly version — Right angle plug — Product standard*

EN 4652-312, *Aerospace series — Connectors, coaxial, radio frequency — Part 312: Type 3, N interface — Clamp nut assembly version — Square flange receptacle — Product standard*

EN 4652-313, *Aerospace series — Connectors, coaxial, radio frequency — Part 313: Type 3, N interface — Clamp nut assembly version — Bulkhead receptacle — Product standard*

EN 4652-320, *Aerospace series — Connectors, coaxial, radio frequency — Part 320: Type 3, N interface — Crimp version — Straight plug — Product standard*

EN 4652-321, *Aerospace series — Connectors, coaxial, radio frequency — Part 321: Type 3, N interface — Crimp assembly version — Right angle plug — Product standard*

EN 4652-322, *Aerospace series — Connectors, coaxial, radio frequency — Part 322: Type 3, N interface — Crimp version — Square flange receptacle — Product standard*

EN 4652-410, *Aerospace series — Connectors, coaxial, radio frequency — Part 410: Type 4, C interface — Clamp nut assembly version — Straight plug — Product standard*

EN 4652-411, *Aerospace series — Connectors, coaxial, radio frequency — Part 411: Type 4, C interface — Clamp nut assembly version — Right angle plug — Product standard*

EN 4652-412, *Aerospace series — Connectors, coaxial, radio frequency — Part 412: Type 4, C interface — Clamp nut assembly version — Square flange receptacle — Product standard*

EN 4652-413, *Aerospace series — Connectors, coaxial, radio frequency — Part 413: Type 4, C interface — Clamp nut assembly version — Bulkhead receptacle — Product standard*

EN 4652-420, *Aerospace series — Connectors, coaxial, radio frequency — Part 420: Type 4, C interface — Crimp assembly version — Straight plug — Product standard*

EN 4652-421, *Aerospace series — Connectors, coaxial, radio frequency — Part 421: Type 4, C interface — Crimp assembly version — Right angle plug — Product standard*

## 4 Required characteristics

### 4.1 Configuration, dimension and mass

See product standard.

### 4.2 Material and finish

See product standard.

### 4.3 Temperature

Operating temperature shall be between – 65 °C and 165 °C.

### 4.4 Electrical characteristics

See product standard.

**EN 4652-002:2017 (E)****4.5 General characteristics**

Tightening torque of cap shall be in accordance with product standard.

**4.6 Delivery condition**

At the time of delivery and during storage the connectors must be equipped with a plastic cap for contact protection.

**4.6.1 Tool and stripping lengths**

See product standard.

**4.6.2 Admissible cables**

See product standard.

**5 Technical specification**

See EN 4652-001.

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