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Standards

Irish Standard  
I.S. EN 4652-001:2015

# Aerospace series - Connectors, coaxial, radio frequency - Part 001: Technical specification

**I.S. EN 4652-001:2015**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## Aerospace series - Connectors, coaxial, radio frequency - Part 001: Technical specification

Série aérospatiale - Connecteurs coaxiaux pour radio  
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Luft- und Raumfahrt - Koaxiale Hochfrequenz-  
Steckverbinder - Teil 001: Technische Lieferbedingungen

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## **Foreword**

This document (EN 4652-001:2015) 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of an identical text or by endorsement, at the latest by November 2015, and conflicting national standards shall be withdrawn at the latest by November 2015.

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**EN 4652-001:2015 (E)****1 Scope**

This European Standard specifies the required characteristics, test methods, qualification and acceptance conditions of coaxial, radio frequency connectors used with flexible radio frequency cables in accordance with EN 4604-001 and semi-rigid coaxial cables.

This family of connectors is derived from MIL-PRF-39012. Front face dimensions are identical and products are fully intermateable.

Cables usable with present specification are listed in TR 6058.

**2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2424, *Aerospace series - Marking of aerospace products*

EN 2591 <sup>1)</sup>, *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 3909, *Aerospace series - Test fluids and test methods for electric components and sub-assemblies*

EN 4604-001, *Aerospace series - Cable, electrical, for signal transmission - Part 001: Technical specification*

EN 9133, *Aerospace series - Quality management systems - Qualification procedure for aerospace standard parts*

MIL-HDBK-454, *General Guidelines for Electronic Equipment* <sup>2)</sup>

MIL-PRF-39012, *Connectors, coaxial, radio frequency — General specification for* <sup>2)</sup>

TR 6058, *Aerospace series — Cable code identification list* <sup>3)</sup>

**3 Terms and definitions**

For the purposes of this document, the terms and definitions given in EN 2591-100 apply.

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<sup>1)</sup> All parts quoted in this European Standard.

<sup>2)</sup> Published by: DoD National (US) Mil. Department of Defense. <http://www.defenselink.mil/>

<sup>3)</sup> Published as ASD-STAN Technical Report at the date of publication of this European Standard. <http://www.asd-stan.org/>

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