

Aerospace series - Cables, electrical for general purpose - Cross sections equal to and greater than 9 mm² - Operating temperatures between - 55 °C and 260 °C - Part 002: General

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2854-002:2009 sisaldab Euroopa standardi EN 2854-002:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.08.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.07.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 2854-002:2009 consists of the English text of the European standard EN 2854-002:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.08.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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The standard is available from Estonian standardisation organisation.

ICS 49.060

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English Version

**Aerospace series - Cables, electrical for general purpose -
Cross sections equal to and greater than 9 mm² - Operating
temperatures between - 55 °C and 260 °C - Part 002: General**

Série aérospatiale - Câbles électriques d'usage général -
Sections supérieures ou égales à 9 mm² - Températures
de fonctionnement comprises entre - 55 °C et 260 °C -
Partie 002: Généralités

Luft- und Raumfahrt - Elektrische Leitungen für allgemeine
Verwendung - Querschnitte 9 mm² und größer -
Betriebstemperaturen zwischen - 55 °C und 260 °C - Teil
002: Allgemeines

This European Standard was approved by CEN on 4 July 2008.

CEN 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 Management Centre or to any CEN member.

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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 2854-002:2009) 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 January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This standard specifies the list of product standards and common characteristics of electrical cables for use in the on-board electrical systems of aircraft at operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ (except otherwise specified in product standards) for cross sections equal to and greater than 9 mm^2 .

2 Normative references

The following referenced documents are indispensable for the application 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 2083, *Aerospace series — Copper or copper alloys conductors for electrical cables — Product standard*

EN 2084, *Aerospace series — Cables, electric, single-core, general purpose, with conductors in copper or copper alloy — Technical specification*

EN 2854-003, *Aerospace series — Cables, electrical for general purpose — Cross sections equal to and greater than 9 mm^2 — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 003: Product standard*

EN 3475-100, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 100: General*

EN 3838, *Aerospace series — Requirements and tests on user-applied markings on aircraft electrical cables* ¹⁾

TR 6058, *Aerospace series — Cable code identification list* ²⁾