

Aerospace series - Cables, electrical, for general purpose - Operating temperatures between -55 °C and 260 °C - Part 002: General

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 2267-002:2015 sisaldab Euroopa standardi EN 2267-002:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 2267-002:2015 consists of the English text of the European standard EN 2267-002:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.07.2015.	Date of Availability of the European standard is 22.07.2015.
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ICS 49.060

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English Version

Aerospace series - Cables, electrical, for general purpose -
Operating temperatures between -55 °C and 260 °C - Part 002:
General

Série aérospatiale - Câbles, électriques, d'usage général -
Températures de fonctionnement comprises entre -55 °C et
260 °C - Partie 002: Généralités

Luft- und Raumfahrt - Leitungen, elektrisch, für allgemeine
Verwendung - Betriebstemperaturen zwischen -55 °C und
260 °C - Teil 002: Allgemeines

This European Standard was approved by CEN on 29 November 2014.

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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.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 2267-002:2015) 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 European 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 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

This document supersedes EN 2267-002:2012.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European 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).

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 2083, *Aerospace series — Copper and copper alloys conductors for electrical cables — Product standard*

EN 2084, *Aerospace series — Cables, electrical, general purpose, with conductors in copper alloy — Technical specification*

EN 2235, *Aerospace series — Single and multicore electrical cables, screened and jacketed — Technical specification*

EN 2267-003, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 003: Ink jet printable — Product standard*

prEN 2267-004 ¹⁾, *Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 004: CO₂ laser printable — Product standard*

EN 2267-005, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 005: UV laser printable — Product standard*

prEN 2267-006 ¹⁾, *Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 006: YAG X3 laser printable — Product standard*

EN 2267-007, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 007: DMA family, single ink-jet printable and multicore assembly — Product standard*

EN 2267-008, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 008: DM family, single UV laser printable and multicore assembly — Product standard*

EN 2267-009, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 009: DRA family, single and multicore assembly — Product standard*

EN 2267-010, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 010: DR family, single UV laser printable — Product standard*

EN 2267-011, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere — Product standard*

EN 2267-012, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between $-55\text{ }^{\circ}\text{C}$ and $260\text{ }^{\circ}\text{C}$ — Part 012: DZ family, single UV laser printable for use in low pressure atmosphere — Product standard*

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

¹⁾ Published as ASD-STAN Prestandard at the date of publication of this European Standard. <http://www.asd-stan.org/>

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

EN 4434, *Aerospace series — Copper or copper alloy lightweight conductors for electrical cables — Product standard (Normal and tight tolerances)*

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

3 Terms, definitions and symbols

For the purposes of this document, the terms, definitions and symbols given in EN 3475-100 apply.

4 List of product standards

- EN 2267-003, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 003: Ink jet printable — Product standard*
- prEN 2267-004, *Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 004: CO₂ laser printable — Product standard*
- EN 2267-005, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 005: UV laser printable — Product standard*
- prEN 2267-006, *Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 006: YAG X3 laser printable — Product standard*
- EN 2267-007, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 007: DMA family, single ink-jet printable and multicore assembly — Product standard*
- EN 2267-008, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 008: DM family, single UV laser printable and multicore assembly — Product standard*
- EN 2267-009, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 009: DRA family, single and multicore assembly — Product standard*
- EN 2267-010, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 010: DR family, single UV laser printable — Product standard*
- EN 2267-011, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 011: DZA family, single and multicore assembly for use in low pressure atmosphere — Product standard*
- EN 2267-012, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 012: DZ family, single UV laser printable for use in low pressure atmosphere — Product standard*

²⁾ Published as ASD-STAN Technical Report at the date of publication of this European Standard.
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