



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 2346-002:2006

ICS 49.060

**AEROSPACE SERIES - CABLE, ELECTRICAL,
FIRE RESISTANT - OPERATING
TEMPERATURES BETWEEN - 65 °C AND 260
°C - PART 002: GENERAL**

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English Version

Aerospace series - Cable, electrical, fire resistant - Operating temperatures between - 65 °C and 260 °C - Part 002: General

Série aérospatiale - Câbles électriques résistant au feu -
Températures de fonctionnement comprises entre - 65 °C
et 260 °C - Partie 002 : Généralités

Luft- und Raumfahrt - Feuerbeständige elektrische
Leitungen - Betriebstemperaturen zwischen - 65 °C und
260 °C - Teil 002: Allgemeines

This European Standard was approved by CEN on 3 February 2006.

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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 Central Secretariat has the same status as the official versions.

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Foreword

This European Standard (EN 2346-002:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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of an identical text or by endorsement, at the latest by December 2006, and conflicting national standards shall be withdrawn at the latest by December 2006.

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EN 2346-002:2006 (E)

1 Scope

This standard specifies the list of product standards and common characteristics of fire resistant or fire-proof electrical cables for use in the on-board electrical systems of aircraft at operating temperatures between – 65 °C and 260 °C. (Except otherwise specified in the product standard).

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.

IEC 28:1925, *International standard of resistance for copper.*

EN 2234, *Aerospace series – Cable, electrical, fire resistant – Technical specification.*¹⁾

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⁾

3 Definitions

For the purposes of this standard, the definitions given in EN 3475-100 apply.

4 List of product standards

EN 2346-003, *Aerospace series – Cable, electrical, fire resistant – Operating temperatures between – 65 °C and 260 °C – Part 003: DL family, single core – Product standard.*

EN 2346-004, *Aerospace series – Cable, electrical, fire resistant – Operating temperatures between – 65 °C and 260 °C – Part 004: DN family, single UV laser printable and multicore assembly – Light weight – Product standard.*

EN 2346-005, *Aerospace series – Cable, electrical, fire-resistant – Operating temperatures between – 65 °C and 260 °C – Part 005: DW family, single UV laser printable and multicore assembly – Light weight – Product standard.*

1) Published at AECMA Prestandard at the date of publication of this standard.

2) Published as AECMA Technical Report at the date of publication of this standard.

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