



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 4604-002:2006

ICS 49.060

**AEROSPACE SERIES - CABLE, ELECTRICAL,
FOR SIGNAL TRANSMISSION - PART 002:
GENERAL**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:*

1 September 2006

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EUROPEAN STANDARD

EN 4604-002

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2006

ICS 49.060

English Version

**Aerospace series - Cable, electrical, for signal transmission -
Part 002: General**

Série aérospatiale - Câbles électriques pour transmission
de signaux - Partie 002 : Généralités

Luft- und Raumfahrt - Elektrische Leitungen für
Signalübertragungen - Teil 002: Allgemeines

This European Standard was approved by CEN on 28 April 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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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EN 4604-002:2006 (E)

Contents		Page
Foreword.....		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	List of product standards	4
5	Materials and construction	5
6	Identification and marking	5
7	Technical specification	5

Foreword

This European Standard (EN 4604-002:2006) 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of an identical text or by endorsement, at the latest by January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

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EN 4604-002:2006 (E)

1 Scope

This standard specifies the list of product standards and common characteristics of signal transmission electrical cables for use in the on-board electrical systems of aircraft.

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 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⁾

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

EN 4604-003, *Aerospace series — Cable, electrical, for signal transmission — Part 003: Coaxial cable 50 Ohms, 200 °C, type WZ — Product standard.* ¹⁾

EN 4604-004, *Aerospace series — Cable, electrical, for signal transmission — Part 004: Cable, microcoaxial, high immunity, 50 Ohms, 200 °C, type WS — Product standard.* ¹⁾

EN 4604-005, *Aerospace series — Cable, electrical, for signal transmission — Part 005: Cable, coaxial, 75 Ohms, 200 °C, type WL — Product standard.* ¹⁾

EN 4604-006, *Aerospace series — Cable, electrical, for signal transmission — Part 006: Cable, coaxial, 50 Ohms, 200 °C, type WM — Product standard.* ¹⁾

EN 4604-007, *Aerospace series — Cable, electrical, for signal transmission — Part 007: Cable, coaxial, 50 Ohms, 200 °C, type WN — Product standard.* ¹⁾

EN 4604-008, *Aerospace series — Cable, electrical, for signal transmission — Part 008: Cable, coaxial, 50 Ohms, 200 °C, type WD — Product standard.* ²⁾

TR 6058, *Aerospace series — Cable code identification list.* ³⁾

3 Terms and definitions

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

4 List of product standards

See EN 4604-003 to EN 4604-008.

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

2) In preparation at the date of publication of this standard.

3) Published as ASD Technical Report at the date of publication of this standard.

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