

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

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Test methods - Part 100: General

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 3475-100:2002 sisaldab Euroopa standardi EN 3475-100:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.07.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 3475-100:2002 consists of the English text of the European standard EN 3475-100:2002.</p> <p>This document is endorsed on 12.07.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This standard gives general information and the list of test methods for the different characteristics required for cables used in aircraft electrical circuits.</p>	<p>Scope: This standard gives general information and the list of test methods for the different characteristics required for cables used in aircraft electrical circuits.</p>
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ICS 49.060

Võtmesõnad: aircraft in, cables, check lists, definition, definitions, electric cables, electric conductors, electrical, electrical cords, electrical equipment, general section, space transport, specification (approval), specifications, symbols, testing, testing conditions, use

ICS 49.060

English version

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 100: General

Série aérospatiale - Câbles électriques à usage
aéronautique - Méthodes d'essais - Partie 100: Généralités

Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrt,
Verwendung - Prüfverfahren - Teil 100: Allgemeines

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 3475-100:2002) has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries 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 standards, either by publication of an identical text or by endorsement, at the latest by August 2002, and conflicting national standards shall be withdrawn at the latest by August 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard gives general information and the list of test methods for the different characteristics required for cables used in aircraft electrical circuits.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 3475 * Aerospace series – Cables, electrical, aircraft use – Test methods

3 Definitions and symbols

3.1 Definitions

For the purposes of this standard, the following definitions apply:

3.1.1

conductor

the conducting element of a cable formed from one or more strands

3.1.2

strand

metallic cylindrical component of uniform section used to form the conductor or shielding

3.1.3

plated strand

strand covered by a thin metallic layer in order to improve performance or facilitate connections

3.1.4

jacket

external covering of a cable containing one or more screened or unscreened conductor(s)

3.1.5

insulation

the part of the cable surrounding the conductor and consisting of insulating material

3.1.6

sheath

protective envelope added to the insulated conductor when necessary to improve its properties of mechanical resistance or resistance to fluids

NOTE It may also be added to provide a surface to facilitate marking.

3.1.7

screen

conducting envelope applied to the cable or conductors so as to reduce electromagnetic or electrostatic interference

* All parts quoted in this standard