



SLOVENSKI STANDARD SIST EN 3475-707:2018

01-februar-2018

Aeronavtika - Električni kabli za uporabo v zračnih plovilih - Preskusne metode - 707. del: Stabilizacija sklopa

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 707: Stabilization of assembly

Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrtverwendung - Prüfverfahren - Teil 707: Stabilität der Baugruppe

Série aérospatiale - Câbles électriques à usage aéronautique - Méthodes d'essais - Partie 707 : Stabilité de la torsade

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Ta slovenski standard je istoveten z: EN 3475-707:2017

ICS:

29.060.20	Kabli	Cables
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

SIST EN 3475-707:2018

en,fr,de

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EUROPEAN STANDARD

EN 3475-707

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 49.060

English Version

Aerospace series - Cables, electrical, aircraft use - Test methods - Part 707: Stabilization of assembly

Série aérospatiale - Câbles électriques à usage
aéronautique - Méthodes d'essais - Partie 707: Stabilité
de la torsade

Luft- und Raumfahrt - Elektrische Leitungen für
Luftfahrtverwendung - Prüfverfahren - Teil 707:
Stabilität der Baugruppe

This European Standard was approved by CEN on 14 August 2017.

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-CENELEC 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-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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 3475-707:2017) 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 May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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EN 3475-707:2017 (E)

1 Scope

This European Standard specifies methods for measuring the stability of twisted assembly. This characteristic is mandatory on section up to 1 mm^2 .

It shall be used together with EN 3475-100.

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

3 Preparation of specimens and methods

Measurement shall be done on samples directly out of a reel or out of a coil with a minimum of deformation.

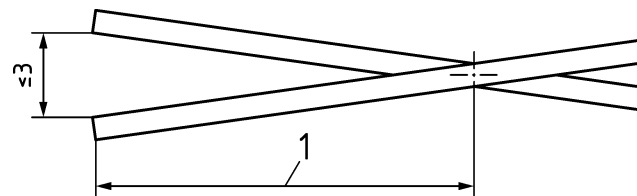
Test specimen shall be cut with (250 ± 10) mm length with sharp scissors to get a clean cut.

Test specimens shall be evaluated at each extremity.

4 Requirements

After visual examination,

- wires shall not splay on a length superior to half a lay of cable.
- wires shall not splay more than three millimetres.



Key

- 1 Half a lay max.

Figure 1