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National Standards Authority of Ireland
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

I.S. EN 2714-009:2007

ICS 49.060

AEROSPACE SERIES - CABLES, ELECTRICAL, SINGLE AND MULTICORE FOR GENERAL PURPOSE - OPERATING TEMPERATURES BETWEEN - 55 °C AND 260 ° C - PART 009: SCREENED (SPIRAL) AND JACKETED, YAG X3 LASER PRINTABLE - PRODUCT STANDARD

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I.S. EN 2714-009:2007

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 2714-009

November 2007

ICS 49.060

English Version

Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between - 55 °C and 260 °C - Part 009: Screened (spiral) and jacketed, YAG X3 laser printable - Product standard

Série aérospatiale - Câbles, électriques, mono et multiconducteurs d'usage général - Températures de fonctionnement comprises entre - 55 °C et 260 °C - Partie 009 : Blindés (guipés) et gainés, marquable au laser YAG X3 - Norme de produit

Luft- und Raumfahrt - Leitungen, elektrisch, ein- und mehradrig, für allgemeine Verwendung - Betriebstemperaturen zwischen - 55 °C und 260 °C - Teil 009: Geschirmt (Umseilung) und ummantelt, YAG X3 Laser bedruckbar - Produktnorm

This European Standard was approved by CEN on 27 April 2006.

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Foreword

This document (EN 2714-009:2007) 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 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of an identical text or by endorsement, at the latest by May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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.

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1 Scope

This standard specifies the characteristics of YAG X3 laser printable, single and multicore screened (spiral) and jacketed electrical cables for use in the on-board electrical systems of aircraft, at operating temperatures between – 55 °C and 260 °C.

It shall also be possible to mark these cables by hot stamp printing or ink jet printing.

These markings shall be in accordance with EN 3838.

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 2083, *Aerospace series — Copper or copper alloy conductors for electrical cables — Product standard.*

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 °C and 260 °C — Part 003: Ink jet printable — Product standard.*

EN 2714-002, *Aerospace series — Cables, electrical, single and multicore for general purpose — Operating temperatures between – 55 °C and 260 °C — Part 002: Screened and jacketed — General.*

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 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts.*

3 Terms and definitions

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

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* And all its parts quoted in Table 2.

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

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