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**Aeronavtika - Eno- ali večžilni električni kabli za splošno uporabo - Delovne temperature med  $-55\text{ °C}$  in  $260\text{ °C}$  - 014. del: Družina DR, 4 do 11 žil, oviti, oklopljeni (opleteni) in oplaščeni, z možnostjo UV-laserskega tiskanja - Standard za proizvod**

Aerospace series - Cables, electrical, single and multicore for general purpose - Operating temperatures between  $-55\text{ °C}$  and  $260\text{ °C}$  - Part 014: DR family, 4 to 11 cores, taped, screened (braided) and jacketed, UV laser printable - Product standard

Luft- und Raumfahrt - Leitungen, elektrisch, ein- und mehradrig, für allgemeine Verwendung - Betriebstemperaturen zwischen  $-55\text{ °C}$  und  $260\text{ °C}$  - Teil 014: DR-Familie, 4- bis 11-adrig, umwickelt, geschirmt (Umflechtung) und ummantelt, UV-Laserbedruckbar - Produktnorm

Série aérospatiale - Câbles, électriques, mono et multiconducteurs d'usage général - Températures de fonctionnement comprises entre  $-55\text{ °C}$  et  $260\text{ °C}$  - Partie 014 : Famille DR, 4 à 11 conducteurs, ruban, blindés (tressés) et gainés, marquable au laser UV - Norme de produit

**Ta slovenski standard je istoveten z: EN 2714-014:2024**

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**ICS:**

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

**SIST EN 2714-014:2025**

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EUROPEAN STANDARD

EN 2714-014

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2024

ICS 49.060

Supersedes EN 2714-014:2016

English Version

**Aerospace series - Cables, electrical, single and multicore  
for general purpose - Operating temperatures between -55  
°C and 260 °C - Part 014: DR family, 1 to 11 cores, taped,  
screened (braided) and jacketed, UV 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 014 : Famille DR, 1 à 11 conducteurs, ruban,  
blindés (tressés) et gainés, marquables par laser UV -  
Norme de produit

Luft- und Raumfahrt - Leitungen, elektrisch, ein- und  
mehradrig, für allgemeine Verwendung -  
Betriebstemperaturen zwischen -55 °C und 260 °C -  
Teil 014: DR-Familie, 1 bis 11 adrig, umwickelt,  
geschirmt (Umflechtung) und ummantelt UV Laser  
bedruckbar - Produktnorm

This European Standard was approved by CEN on 24 June 2024.

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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 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## EN 2714-014:2024 (E)

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[SIST EN 2714-014:2025](https://standards.iteh.ai/catalog/standards/sist/cc06452e-a5d0-4d7a-82db-055fc142ebad/sist-en-2714-014-2025)

<https://standards.iteh.ai/catalog/standards/sist/cc06452e-a5d0-4d7a-82db-055fc142ebad/sist-en-2714-014-2025>

## European foreword

This document (EN 2714-014:2024) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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.

This document supersedes EN 2714-014:2016.

The main changes with respect to the previous edition are as follows:

- EN 2714-014 (P3), 09/2016 :
  - o general editorial improvements and update of Table 1: addition of cores 1, 2 and 3;
  - o introduction of MMA, MMB, MMC constructions.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

**EN 2714-014:2024 (E)****1 Scope**

This document specifies the characteristics of UV laser printable DR family, 1 to 11 cores, taped, screened (braided) and jacketed electrical lightweight cables for use in the on-board electrical systems of aircraft, at operating temperatures between  $-55\text{ °C}$  and  $260\text{ °C}$ . Nevertheless, if needed,  $-65\text{ °C}$  is also acceptable as shown by cold test.

It is possible to mark these cables by qualified compatible marking, in line with EN 3838.

**2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2235:2022, *Aerospace series — Single and multicore electrical cables, screened and jacketed — Technical specification*

EN 2267-009, *Aerospace series — Cables, electrical, for general purpose — Operating temperatures between  $-55\text{ °C}$  and  $260\text{ °C}$  — Part 009: DRA family, single and multicore assembly — Product standard*

EN 2714-002:2016, *Aerospace series — Cables, electrical, single and multicore for general purpose — Operating temperatures between  $-55\text{ °C}$  and  $260\text{ °C}$  — Part 002: Screened and jacketed — General*

EN 2714-013, *Aerospace series — Cables, electrical, single and multicore for general purpose — Operating temperatures between  $-55\text{ °C}$  and  $260\text{ °C}$  — Part 013: DR family, screened (spiral) and jacketed, UV laser printable — Product standard*

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

EN 3475-201, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 201: Visual examination*

EN 3475-202, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 202: Mass*

EN 3475-203, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 203: Dimensions*

EN 3475-301, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 301: Ohmic resistance per unit length*

EN 3475-302, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 302: Voltage proof test*

EN 3475-303, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 303: Insulation resistance*

EN 3475-304, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 304: Surface resistance*

EN 3475-306, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 306: Continuity of conductors*

EN 3475-401, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 401: Accelerated ageing*