

Cable, electrical, for digital data transmission - Part
009: Single braid - CAN Bus - 120 ohms - Type WX -
Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3375-009:2023 sisaldab Euroopa standardi EN 3375-009:2023 ingliskeelset teksti. Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 25.10.2023. Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	This Estonian standard EVS-EN 3375-009:2023 consists of the English text of the European standard EN 3375-009:2023. This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation. Date of Availability of the European standard is 25.10.2023. The standard is available from the Estonian Centre for Standardisation and Accreditation.
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ICS 49.060, 49.090

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English Version

**Cable, electrical, for digital data transmission - Part 009:
Single braid - CAN Bus - 120 ohms - Type WX - Product
standard**

Série aérospatiale - Câbles électriques pour
transmission de données numériques - Partie 009 :
Simple tresse - Bus CAN - 120 ohms - Type WX - Norme
de produit

Luft- und Raumfahrt - Elektrische Leitungen für
Digitaldatenübertragungen - Teil 009: Einfach
geschirmt - Bus CAN - 120 Ohm - Typ WX -
Produktnorm

This European Standard was approved by CEN on 16 July 2023.

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, 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

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Contents

Page

European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions.....	4
4 Required characteristics	4
4.1 Dimensions and mass.....	4
4.2 General characteristics.....	5
4.3 Electrical characteristics.....	5
5 Tests.....	6
6 Quality assurance	9
7 Identification and marking	9
7.1 General.....	9
7.2 Designation	10
7.3 Identification and marking	10
7.4 Colour of the marking on the jacket.....	10
7.5 Colour of components	10
8 Packaging.....	10
9 Technical specification	10

European foreword

This document (EN 3375-009:2023) 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 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 April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

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 3375-009:2016.

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

- prEN 3375-009 (P2), 03/2015 — Table 3: revision of requirement for 304 and 505 (clarification or missing values).
- EN 3375-009 (P2), 09/2016 — Removal of non-UV laser designation in order to introduce a UV markable version only (confusing designation no need to keep non-UV cable version).

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.

1 Scope

This document specifies the required characteristics of single braid, 120 ohms, size 26, electrical cable type WX, UV laser markable, intended for digital data transmissions.

It is used together with EN 3375-001.

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 3375-001, *Aerospace series — Cable, electrical, for digital data transmission — Part 001: Technical specification*

EN 3375-002, *Aerospace series — Cable, electrical, for digital data transmission — Part 002: General*

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

EN 3838, *Aerospace series — Requirements and tests on user-applied markings on aircraft electrical cables*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard products*

TR 6058,¹ *Aerospace series — Cable code identification list*

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Required characteristics

4.1 Dimensions and mass

They shall be according to Figure 1 and Table 1.

* All parts quoted in this document.

¹ Published as ASD-STAN Technical Report at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <https://www.asd-stan.org/>.