

STN	Letectvo a kozmonautika Elektrické káble na prenos digitálnych údajov Časť 011: Jednoducho opletený kábel, krížová štvorka 100 ohmov, nízka hmotnosť, typ KL Norma na výrobok	STN EN 3375-011 31 1845
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Aerospace series - Cable, electrical for digital data transmission - Part 011: Single braid - Star Quad 100 ohms - Lightweight - Type KL - Product standard

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/23

Obsahuje: EN 3375-011:2022

Oznámením tejto normy sa ruší
STN EN 3375-011 (31 1845) zo septembra 2017

EUROPEAN STANDARD

EN 3375-011

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 3375-011:2017

English Version

**Aerospace series - Cable, electrical for digital data
transmission - Part 011: Single braid - Star Quad 100 ohms
- Lightweight - Type KL - Product standard**

Série aérospatiale - Câbles électriques pour
transmission de données numériques - Partie 011 :
Simple tresse - Quarte en étoile 100 ohms - Allégée -
Type KL - Norme de produit

Luft- und Raumfahrt - Elektrische Leitungen für
Digitaldatenübertragungen - Teil 011: Einfach
geschirmt - Sternvierer 100 Ohm - Leichtbauweise -
Typ KL - Produktnorm

This European Standard was approved by CEN on 2 October 2022.

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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.

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

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EN 3375-011:2022 (E)

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European foreword

This document (EN 3375-011:2022) 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 June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023.

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.

This document supersedes EN 3375-011:2017.

The main changes with respect to the previous edition are listed in the following table.

Table 1 — Main changes to previous edition

prEN/EN number	Edition	Publication date	Modifications
EN 3375-011	1	01/2013	—
	2	11/2014	—
	3	12/2021	New proposal to revise the maximum weight of the product from 32 g/m to 32,4 g/m due to return of experience and design improvement on product revision to get better margin to kink effect at low bend radius.

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 3375-011:2022 (E)**1 Scope**

This document specifies the dimensions, tolerances, required characteristics and the mass of an AWG 24 shielded quad cable, type KL, intended for high speed (100 Mbit/s) full duplex Ethernet networks.

Linked to this particular application, the operating temperatures of the cable are between -65 °C and 125 °C .

This cable is laser markable, this marking satisfies the requirements of EN 3838.

The impedance is $100\ \Omega \pm 15\ \Omega$.

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*)¹

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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

* All parts quoted in this document.