



**NSAI**  
Standards

Irish Standard  
I.S. EN 2346-005:2017

Aerospace series - Cable, electrical, fire resistant - Operating temperatures between -65 °C and 260 °C - Part 005: DW family, single UV laser printable and multicore assembly - Light weight - Product standard

**I.S. EN 2346-005:2017**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

EN 2346-005:2017

*Published:*

2017-11-15

*This document was published under the authority of the NSAI and comes into effect on:*

2017-12-03

ICS number:

49.060

NOTE: If blank see CEN/CENELEC cover page

NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 2346-005:2017 is the adopted Irish version of the European Document EN 2346-005:2017, Aerospace series - Cable, electrical, fire resistant - Operating temperatures between -65 °C and 260 °C - Part 005: DW family, single UV laser printable and multicore assembly - Light weight - Product standard

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

This page is intentionally left blank

EUROPEAN STANDARD

EN 2346-005

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 49.060

Supersedes EN 2346-005:2013

English Version

**Aerospace series - Cable, electrical, fire resistant -  
Operating temperatures between -65 °C and 260 °C - Part  
005: DW family, single UV laser printable and multicore  
assembly - Light weight - Product standard**

Série aérospatiale - Câbles électriques résistant au feu -  
Températures de fonctionnement comprises entre -65  
°C et 260 °C - Partie 005 : Famille DW, fil simple  
marquable au laser UV et éléments assemblés - Version  
allégée - Norme de produit

Luft- und Raumfahrt - Feuerbeständige elektrische  
Leitungen - Betriebstemperaturen zwischen -65 °C und  
260 °C - Teil 005: DW-Familie, einadrige, UV-Laser  
bedruckbar, und mehradrige Leitungen -  
Gewichtsoptimiert - Produktnorm

This European Standard was approved by CEN on 23 July 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.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

| <b>Contents</b>  | <b>Page</b> |
|--|-------------|
| <b>European foreword .....</b>                           | <b>3</b>    |
| <b>1 Scope.....</b>                                      | <b>4</b>    |
| <b>2 Normative references.....</b>                       | <b>4</b>    |
| <b>3 Terms and definitions .....</b>                     | <b>4</b>    |
| <b>4 Materials and construction .....</b>                | <b>4</b>    |
| <b>5 Required characteristics .....</b>                  | <b>6</b>    |
| <b>6 Tests.....</b>                                      | <b>6</b>    |
| <b>7 Quality assurance.....</b>                          | <b>9</b>    |
| <b>8 Designation .....</b>                               | <b>10</b>   |
| <b>9 Identification and marking.....</b>                 | <b>10</b>   |
| <b>10 Packaging, labelling and delivery lengths.....</b> | <b>10</b>   |
| <b>11 Technical specification .....</b>                  | <b>10</b>   |

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-