

STN	Letectvo a kozmonautika Vedenia z optických vlákien v letectve Skúšobné metódy Časť 412: Odolnosť proti vlhkosti	STN EN 3745-412 31 1814
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Aerospace series - Fibres and cables, optical, aircraft use - Test methods - Part 412: Humidity resistance

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. 07/22

Obsahuje: EN 3745-412:2022

Oznámením tejto normy sa ruší
STN EN 3745-412 (31 1814) z mája 2006

135262

EUROPEAN STANDARD

EN 3745-412

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2022

ICS 49.090

Supersedes EN 3745-412:2005

English Version

**Aerospace series - Fibres and cables, optical, aircraft use -
Test methods - Part 412: Humidity resistance**

Série aérospatiale - Fibres et câbles optiques à usage
aéronautique - Méthodes d'essais - Partie 412 :
Résistance à l'humidité

Luft- und Raumfahrt - Faseroptische Leitungen für
Luftfahrzeuge - Prüfverfahren - Teil 412: Beständigkeit
gegen Feuchtigkeit

This European Standard was approved by CEN on 10 January 2022.

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COMITÉ EUROPÉEN DE NORMALISATION
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EN 3745-412:2022 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Preparation of specimen	4
5 Apparatus	5
6 Method	5
6.1 Procedure	5
6.2 Final measurements and requirements	5
Bibliography	7

European foreword

This document (EN 3745-412:2022) 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, 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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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EN 3745-412:2022 (E)**1 Scope**

This document evaluates the resistance of the fiber optic cable to humidity changes at different temperatures.

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 2591-100, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

EN 3745-100, *Aerospace series — Fibres and cables, optical, aircraft use — Test methods — Part 100: General*

EN 3745-201, *Aerospace series — Fibres and cables, optical, aircraft use — Test methods — Part 201: Visual examination*

EN 3745-301, *Aerospace series — Fibres and cables, optical, aircraft use — Test methods — Part 301: Attenuation*

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