ICS 49.090 SLOVENSKÁ TECHNICKÁ NORMA Máj 2016

STN	**Letectvo a kozmonautika. Optické obdĺžnikové modulové konektory pre prevádzkovú teplotu 125 °C pre kontakty podľa EN 4639-10X. Časť 002: Zhotovenie.**	**STN EN 4830-002** 31 1920

Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 ?C, for EN 4639-10X contacts - Part 002: Specification of performance

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. 04/16

Obsahuje: EN 4830-002:2015

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4830-002

December 2015

ICS 49.090

English Version

Aerospace series - Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts - Part 002: Specification of performance

Série aérospatiale - Connecteurs optiques rectangulaires, modulaires, température d'utilisation 125 °C, pour contacts EN 4639-10X - Partie 002: Spécification de performances

Luft- und Raumfahrt - Optischer Rechtecksteckverbinder, modular, Betriebstemperatur 125 °C, für EN 4639-10X-Kontakte - Teil 002: Leistungsdaten

This European Standard was approved by CEN on 22 August 2015.

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

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

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European foreword

This document (EN 4830-002:2015) 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 European Standard 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 European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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1 Scope

This European Standard defines the material used in the manufacturing of EN 4830 optical modules.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 4529-003, *Aerospace series — Elements of electrical and optical connection — Sealing plugs — Part 003: Class T — Product standard*

EN 4639-101, *Aerospace Series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 101: Optical contact for cable EN 4641-100 — Operating temperatures between – 65 °C and 125 °C — Product standard*

EN 4639-102, *Aerospace Series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 102: Optical contact for cable EN 4641-102 — Operating temperatures between – 55 °C and 100 °C — Product standard*

EN 4639-103, *Aerospace Series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 103: Optical contact for cable EN 4641-101 — Operating temperatures between – 55 °C and 150 °C — Product standard* [1)]

EN 4641-100, *Aerospace series — Cables, optical 125 µm diameter cladding — Part 100: Tight structure 62,5/125 µm core GI fibre 1,8 mm outside diameter — Product standard*

EN 4641-101, *Aerospace series — Cables, optical 125 µm diameter cladding — Part 101: Tight structure 62,5 µm core GI fibre 0,9 mm outside diameter — Product standard*

EN 4641-102, *Aerospace series — Cables, optical, 125 µm diameter cladding — Part 102: Semi-loose 62,5/125 µm GI fibre nominal 1,8 mm outside diameter — Product standard*

EN 4830-001, *Aerospace series — Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts — Part 001: Technical specification*

EN 4830-004, *Aerospace series — Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4639-10X contacts — Part 004: Extraction tool — Product standard*

IEC 61300-3-33, *Fibre optic interconnecting devices and passive components — Basic test and measurement procedures — Part 3-33: Examinations and measurements — Ferrule withdrawal force* [2)]

TR 4684, *Aerospace series — Electrical and optical technology and component definitions* [1)]

1) In preparation at the date of publication of this European Standard.

2) Published by: IEC International International Electrotechnical Commission. http://www.iec.ch/