

**Aerospace series - Connectors, optical, rectangular,
modular, operating temperature 125 °C, for EN 4531-101
contacts - Part 002: Material**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 4701-002:2013 sisaldab Euroopa standardi EN 4701-002:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 4701-002:2013 consists of the English text of the European standard EN 4701-002:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.05.2013.	Date of Availability of the European standard is 22.05.2013.
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ICS 49.090

English Version

**Aerospace series - Connectors, optical, rectangular, modular,
operating temperature 125 °C, for EN 4531-101 contacts - Part
002: Material**

Série aérospatiale - Connecteurs optiques rectangulaires,
modulaires, température d'utilisation 125 °C, pour contacts
EN 4531-101 - Partie 002: Matériau

Luft- und Raumfahrt - Optischer Rechtecksteckverbinder in
modularer Bauweise, Betriebstemperatur 125 °C, für EN
4531-101-Kontakte - Teil 002: Werkstoffe

This European Standard was approved by CEN on 19 January 2013.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 4701-002:2013) 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 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of an identical text or by endorsement, at the latest by November 2013, and conflicting national standards shall be withdrawn at the latest by November 2013.

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1 Scope

This European Standard defines the material used in the manufacturing of EN 4701 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 4165-022, *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 022: Insertion/extraction tool for removal of modules — Product standard*

EN 4531-101, *Aerospace series — Connectors, optical, circular, single and multipin, coupled by triple start threaded ring — Flush contacts — Part 101: Optical contact for EN 4641-100 cable – 55 °C to 125 °C — Product standard*

EN 4531-901, *Aerospace series — Connectors, optical, circular, single and multipin, coupled by triple start threaded ring — Flush contacts — Part 901: Filler plugs — Product standard*

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

EN 4701-001, *Aerospace series — Connectors, optical, rectangular, modular, operating temperature 125 °C, for EN 4531-101 contacts — Part 001: Technical specification*

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⁾

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4701-001 apply.

1) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).

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