ICS 49.090 SLOVENSKÁ TECHNICKÁ NORMA Február 2016

STN	**Letectvo a kozmonautika. Optické káble s vonkajším priemerom plášťa 125 µm. Časť 100: Káble s tuhou štruktúrou, s menovitým gradientným vláknom 62,5/125 µm, vonkajším priemerom 1,8 mm. Norma na výrobok.**	**STN EN 4641-100** 31 1847

Aerospace series - Cables, optical 125 ?m diameter cladding - Part 100: Tight structure 62,5/125 ?m core GI fibre 1,8 mm outside diameter - 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. 01/16

Obsahuje: EN 4641-100:2015

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4641-100

September 2015

ICS 49.090

English Version

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

Série aérospatiale - Câble, optique, diamètre extérieur de la gaine optique 125 µm - Partie 100 : Câble à structure serrée fibre à gradient d'indice cœur 62,5/125 µm, diamètre extérieur 1,8 mm - Norme de produit

Luft- und Raumfahrt - Lichtwellenleiterkabel, Manteldurchmesser 125 µm - Teil 100: Festaderaufbau GI 62,5/125 µm Faser Kabeldurchmesser 1,8 mm - Produktnorm

This European Standard was approved by CEN on 21 June 2014.

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

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European foreword

This document (EN 4641-100:2015) 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of an identical text or by endorsement, at the latest by March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.

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1 Scope

This European Standard specifies the general characteristics, conditions for qualification, acceptance and quality assurance for fibre optic cable: 4641-100.

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 2424, *Aerospace series — Marking of aerospace products*

EN 2812, *Aerospace series — Stripping of electric cables*

EN 3745 (all parts), *Aerospace series — Fibres and cables, optical, aircraft use — Test methods*

EN 3838, *Aerospace series — Requirements and tests on user-applied markings on aircraft electrical cables*

EN 3909, *Aerospace series — Test fluids and test methods for electric components and sub-assemblies*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

TR 6058, *Aerospace series — Cable code identification list* [1)]

TIA/EIA-455-30-B, *FOTP-30 Frequency Domain Measurement of Multimode* [2)]

TIA/EIA-455-175-B, *FOTP175 — Chromatic Dispersion Measurement of Single-mode Optical Fibers by the Differential Phase Shift Method* [2)]

ANSI/EIA 4920000-A, *Generic Specification for Optical Waveguide Fibers* [2)]

1) Published as ASD-STAN Technical Report at the date of publication of this European Standard. http://www.asd-stan.org/

2) Published by: National (US) American National Standard Institute. http://www.ansi.org/