

STN	Letectvo a kozmonautika Optické káble s vonkajším priemerom plášťa 125 µm Časť 106: Káble s polotuhou štruktúrou, s vláknom GI 62,5/125 µm, vonkajším priemerom 0,9 mm Norma na výrobok	STN EN 4641-106 31 1847
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Aerospace series - Cables, optical, 125 µm diameter cladding - Part 106: Semi-loose structure 62,5/125 µm GI fibre nominal 0,9 mm outside diameter - Product standard

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

**Aerospace series - Cables, optical, 125 μm diameter
cladding - Part 106: Semi-loose structure 62,5/125 μm GI
fibre nominal 0,9 mm outside diameter - Product standard**

Série aérospatiale - Câbles, optiques, diamètre extérieur de la gaine optique 125 μm - Partie 106 : Câble à structure semi-libre, fibre à gradient d'indice 62,5/125 μm , diamètre extérieur 0,9 mm - Norme de produit

Luft- und Raumfahrt - Lichtwellenleiterkabel, Mantelaußendurchmesser 125 μm - Teil 106: Kompaktader, 62,5/125 μm GI-Faser, Kabelaußendurchmesser 0,9 mm - Produktnorm

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

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EN 4641-106:2018 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Required characteristics.....	4
5 Cable construction	5
6 Materials.....	5
7 Test methods and performances	6
8 Tooling.....	12
9 Quality assurance	12
10 Designation and marking	12
11 Delivery conditions.....	13
12 Storage.....	13
13 Technical specification	13

European foreword

This document (EN 4641-106:2018) 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of an identical text or by endorsement, at the latest by May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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EN 4641-106:2018 (E)**1 Scope**

This European Standard specifies the general characteristics, conditions for qualification, acceptance and quality assurance for a fibre optic cable with a 62,5/125 µm, MM fibre core, and 900 µm outside cable diameter and of semi-loose buffer construction for “inside avionics box” equipment fibre harnessing.

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 2424, *Aerospace series — Marking of aerospace products*

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

EN 3475-601, *Aerospace series — Cables, electrical, aircraft use — Test methods — Part 601: Smoke density*

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 electrical and optical components and sub-assemblies*

EN 4641-001, *Aerospace series — Cables, optical, 125 µm diameter cladding — Part 001: Technical specification*

TR 4647, *Aerospace series — Termination procedure for EN 4639 optical contact* ¹⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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