

SLOVENSKI STANDARD **SIST EN IEC 62074-1:2025**

01-oktober-2025

Nadomešča:
SIST EN 62074-1:2014

Optični spojni elementi in pasivne komponente - Optični elementi za WDM (valovni multipleks) - 1. del: Splošna specifikacija (IEC 62074-1:2025)

Fibre optic interconnecting devices and passive components - Fibre optic WDM devices - Part 1: Generic specification (IEC 62074-1:2025)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Lichtwellenleiter-WDM-Bauteile - Teil 1: Fachgrundspezifikation (IEC 62074-1:2025)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Dispositifs WDM à fibres optiques - Partie 1: Spécification générique (IEC 62074-1:2025)

Ta slovenski standard je istoveten z: EN IEC 62074-1:2025

<https://standards.iteh.ai/catalog/standards/sist/dd98bbe4-1b44-4686-a761-fd2428d1af60/sist-en-iec-62074-1-2025>

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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SIST EN IEC 62074-1:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62074-1

August 2025

ICS 33.180.01; 33.180.20

Supersedes EN 62074-1:2014

English Version

Fibre optic interconnecting devices and passive components -
Fibre optic WDM devices - Part 1: Generic specification
(IEC 62074-1:2025)

Dispositifs d'interconnexion et composants passifs
fibroniques - Dispositifs MRL fibroniques - Partie 1:
Spécification générique
(IEC 62074-1:2025)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Lichtwellenleiter-WDM-Bauteile - Teil 1:
Fachgrundspezifikation
(IEC 62074-1:2025)

This European Standard was approved by CENELEC on 2025-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62074-1:2025 (E)**European foreword**

The text of document 86B/5031/FDIS, future edition 3 of IEC 62074-1, prepared by SC 86B "Fibre optic interconnecting devices and passive components" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62074-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-08-31 document have to be withdrawn

This document supersedes EN 62074-1:2014 and all of its amendments and corrigenda (if any).

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

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62074-1:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60027 (series)	NOTE Approved as EN 60027 (series)
IEC 60695-11-5	NOTE Approved as EN 60695-11-5
IEC 61754 (series)	NOTE Approved as EN 61754 (series)
IEC 61754-4	NOTE Approved as EN IEC 61754-4
IEC 61978-1:2024	NOTE Approved as EN IEC 61978-1:2024 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-731	-	International Electrotechnical Vocabulary - Chapter 731: Optical fibre communication	-	-
IEC 61300	series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN IEC 61300	series
IEC 61753	series	Fibre optic interconnecting devices and passive components - Performance standard	EN IEC 61753	series
IEC 62005	series	Reliability of fibre optic interconnecting devices and passive components	EN 62005	series
IEC/TS 62627-09	2016	Fibre optic interconnecting devices and passive components - Vocabulary for passive optical devices	-	-
ISO 129-1	-	Technical product documentation (TPD) - Presentation of dimensions and tolerances - Part 1: General principles	EN ISO 129-1	-
ISO 286-1	-	Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 1: Basis of tolerances, deviations and fits	EN ISO 286-1	-
ISO 1101	-	Geometrical product specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out	EN ISO 1101	-
ISO 8601-1	-	Date and time - Representations for information interchange - Part 1: Basic rules	-	-



IEC 62074-1

Edition 3.0 2025-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components - Fibre optic WDM devices -

Part 1: Generic specification

Dispositifs d'interconnexion et composants passifs fibroniques - Dispositifs MRL fibroniques -

Partie 1: Spécification générique

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