

Optical fibres - Part 2-40: Product specifications -
Sectional specification for category A4 multimode
fibres

ESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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Supersedes EN 60793-2-40:2016 and all of its
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English Version

Optical fibres - Part 2-40: Product specifications - Sectional
specification for category A4 multimode fibres
(IEC 60793-2-40:2021)

Fibres optiques - Partie 2-40: Spécifications de produits -
Spécification intermédiaire pour les fibres multimodales de
catégorie A4
(IEC 60793-2-40:2021)

Lichtwellenleiter - Teil 2-40: Produktspezifikationen -
Rahmenspezifikation für Mehrmodenfasern der Kategorie
A4
(IEC 60793-2-40:2021)

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European foreword

The text of document 86A/1943/CDV, future edition 5 of IEC 60793-2-40, prepared by SC 86A "Fibres and cables" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60793-2-40:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-01-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-01

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

IEC 60793-1-1 NOTE Harmonized as EN 60793-1-1
IEC 60793-2 NOTE Harmonized as EN IEC 60793-2

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 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60793-1-20	-	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry	EN 60793-1-20	-
IEC 60793-1-22	-	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement	EN 60793-1-22	-
IEC 60793-1-40	2019	Optical fibres - Part 1-40: Attenuation measurement methods	EN IEC 60793-1-40 2019	
IEC 60793-1-41	-	Optical fibres - Part 1-41: Measurement methods and test procedures - Bandwidth	EN 60793-1-41	-
IEC 60793-1-42	-	Optical fibres - Part 1-42: Measurement methods and test procedures - Chromatic dispersion	EN 60793-1-42	-
IEC 60793-1-43	-	Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture measurement	EN 60793-1-43	-
IEC 60793-1-46	-	Optical fibres - Part 1-46: Measurement methods and test procedures - Monitoring of changes in optical transmittance	EN 60793-1-46	-
IEC 60793-1-47	-	Optical fibres – Part 1-47: Measurement methods and test procedures – Macrobending loss	EN IEC 60793-1-47	-
IEC 60793-1-50	-	Optical fibres - Part 1-50: Measurement methods and test procedures - Damp heat (steady state) tests	EN 60793-1-50	-
IEC 60793-1-51	-	Optical fibres - Part 1-51: Measurement methods and test procedures - Dry heat (steady state) tests	EN 60793-1-51	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-1-52	-	Optical fibres - Part 1-52: Measurement methods and test procedures - Change of temperature tests	EN 60793-1-52	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibres –
Part 2-40: Product specifications – Sectional specification for category A4
multimode fibres**

**Fibres optiques –
Partie 2-40: Spécifications de produits – Spécification intermédiaire pour les
fibres multimodales de catégorie A4**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Optical fibres –
Part 2-40: Product specifications – Sectional specification for category A4
multimode fibres**

**Fibres optiques –
Partie 2-40: Spécifications de produits – Spécification intermédiaire pour les
fibres multimodales de catégorie A4**

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Sectional specification for category A4 multimode fibres****FOREWORD**

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International Standard IEC 60793-2-40 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics.

This fifth edition cancels and replaces the fourth edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) revision of NA range of A4a.2;
- b) addition of a new subcategory A4i;
- c) deletion of the subcategory A4f and of Annex F.

The text of this International Standard is based on the following documents:

CDV	Report on voting
86A/1943/CDV	86A/1981/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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