



SLOVENSKI STANDARD
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Optična vlakna - 1-40. del: Metode merjenja slabljenja (IEC 60793-1-40:2024)

Optical fibres - Part 1-40: Attenuation measurement methods (IEC 60793-1-40:2024)

Lichtwellenleiter - Teil 1-40: Dämpfungsmessverfahren (IEC 60793-1-40:2024)

Fibres optiques - Partie 1-40: Méthodes de mesure de l'affaiblissement (IEC 60793-1-40:2024)

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**Optical fibres - Part 1-40: Attenuation measurement methods
(IEC 60793-1-40:2024)**

Fibres optiques - Partie 1-40: Méthodes de mesure de
l'affaiblissement
(IEC 60793-1-40:2024)

Lichtwellenleiter - Teil 1-40: Dämpfungsmessverfahren
(IEC 60793-1-40:2024)

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European foreword

The text of document 86A/2355/CDV, future edition 3 of IEC 60793-1-40, 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 60793-1-40:2025.

The following dates are fixed:

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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.cencenelec.eu.

<u>Publication</u>	<u>Année</u>	<u>Titre</u>	<u>EN/HD</u>	<u>Année</u>
IEC 60793-1-1	-	Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance	EN IEC 60793-1-1	-
IEC 60793-1-22	-	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement	EN IEC 60793-1-22	-
IEC 60793-1-43	-	Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture measurement	EN 60793-1-43	-
IEC 61746-1	-	Calibration of optical time-domain reflectometers (OTDR) - Part 1: OTDR for single mode fibres	EN 61746-1	-
IEC 61746-2	-	Calibration of optical time-domain reflectometers (OTDR) - Part 2: OTDR for multimode fibres	EN 61746-2	-



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**Optical fibres –
Part 1-40: Attenuation measurement methods**

**Fibres optiques –
Partie 1-40: Méthodes de mesure de l'affaiblissement**

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OPTICAL FIBRES –

Part 1-40: Attenuation measurement methods

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IEC 60793-1-40 has been prepared by subcommittee 86A: Fibres and cables, of IEC technical committee 86: Fibre optics. It is an International Standard.

This third edition cancels and replaces the second edition published in 2019. This edition constitutes a technical revision.

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

- a) modifying the definition of attenuation to be compatible with the definition in [electropedia.org](https://www.electropedia.org)