
**Optični spojni elementi in pasivne komponente - Tehnični standard - 042-2. del:
Odsevne naprave OTDR vrste vtič-repek in vtič-vtičnica za kategorijo C -
Nadzorovana okolja (IEC 61753-042-02:2026)**

Fibre optic interconnecting devices and passive components - Performance standard -
Part 042-02: Plug-pigtail-style and plug-receptacle-style OTDR reflecting devices for
category C - Controlled environments (IEC 61753-042-02:2026)

Lichtwellenleiter-Verbindungseinrichtungen und passive Bauelemente -
Betriebsverhalten – Teil 042-02: OTDR-Reflektorbauteile in Steckverbinder-Pigtail- und
Steckverbinder-Buchse-Bauform für die Kategorie C – Kontrollierte Umgebung (IEC
61753-042-02:2026)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Norme de
performance - Partie 042-2: Dispositifs de réflexion pour OTDR de modèle à fiche-fibre
amorce et modèle à fiche-embase pour catégorie c - Environnements contrôlés (IEC
61753-042-02:2026)

Ta slovenski standard je istoveten z: EN IEC 61753-042-02:2026

ICS:

33.180.20	Povezovalne naprave za optična vlakna	Fibre optic interconnecting devices
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61753-042-02

August 2026

ICS 33.180.20

Supersedes EN 61753-042-2:2014

English Version

**Fibre optic interconnecting devices and passive components -
Performance standard - Part 042-02: Plug-pigtail-style and plug-
receptacle-style OTDR reflecting devices for category C -
Controlled environments
(IEC 61753-042-02:2026)**

Dispositifs d'interconnexion et composants passifs
fibroniques - Norme de performance - Partie 042-02:
Dispositifs de réflexion pour OTDR de modèle à fiche-fibre
amorce et modèle à fiche-embase pour catégorie C -
Environnements contrôlés
(IEC 61753-042-02:2026)

Lichtwellenleiter-Verbindungseinrichtungen und passive
Bauelemente - Betriebsverhalten - Teil 042-02: OTDR-
Reflektorbauteile in Steckverbinder-Pigtail- und
Steckverbinder-Buchse-Bauform für die Kategorie C -
Kontrollierte Umgebung
(IEC 61753-042-02:2026)

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EN IEC 61753-042-02:2026 (E)**European foreword**

The text of document 86B/5220/FDIS, future edition 1 of IEC 61753-042-02, 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 61753-042-02:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-08-31 document have to be withdrawn

This document supersedes EN 61753-042-2:2014 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 61753-042-02:2026 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61753-1:2018 NOTE Approved as EN IEC 61753-1:2018 (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 60793-2-50	-	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN IEC 60793-2-50	-
IEC 61300	series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN IEC 61300	series
IEC 61300-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 1: General and guidance	EN IEC 61300-1	-
IEC 61300-2-1	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-1: Tests - Vibration (sinusoidal)	EN IEC 61300-2-1	-
IEC 61300-2-2	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-2: Tests - Mating durability	EN 61300-2-2	-
IEC 61300-2-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention	EN IEC 61300-2-4	-
IEC 61300-2-5	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion	EN IEC 61300-2-5	-
IEC 61300-2-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-6: Tests - Tensile strength of coupling mechanism	EN IEC 61300-2-6	-
IEC 61300-2-9	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock	EN 61300-2-9	-

EN IEC 61753-042-02:2026 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61300-2-14	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-14: Tests - High optical power	EN IEC 61300-2-14	-
IEC 61300-2-17	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-17: Tests - Cold	EN 61300-2-17	-
IEC 61300-2-18	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-18: Tests - Dry heat	EN IEC 61300-2-18	-

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INTERNATIONAL STANDARD

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