
Optični spojni elementi in pasivne komponente - Izvedbeni standard - 081-06. del: Električno krmiljeni spremenljivi optični atenuator srednje obsežne naprave 1 x N DWDM brez konektorjev za enorodovna vlakna kategorije OP+ - Razširjeno zunanje zaščiteno okolje (IEC 61753-081-06:2023)

Fibre optic interconnecting devices and passive components - Performance standard - Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category OP+ - Extended outdoor protected environment (IEC 61753-081-06:2023)

Lichtwellenleiter – Verbindungselemente und passive Bauteile – Betriebsverhalten – Teil 081-06: Nicht mit Steckverbindern versehene mittelgroße Einmoden-Lichtwellenleiter-1 x N-DWDM-Bauteile für die Kategorie OP+ – Freiluft, geschützte Umgebung, erweitert (IEC 61753-081-06:2023)

Dispositifs d'interconnexion et composants passifs fibroniques - Norme de performance - Partie 081-06: Dispositifs DWDM 1 x N de milieu d'échelle à fibres optiques unimodales, non connectés, pour catégorie OP+ - Environnement extérieur protégé étendu (IEC 61753-081-06:2023)

Ta slovenski standard je istoveten z: EN IEC 61753-081-06:2023

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EUROPEAN STANDARD

EN IEC 61753-081-06

NORME EUROPÉENNE

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December 2023

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English Version

Fibre optic interconnecting devices and passive components -
Performance standard - Part 081-06: Non-connectorized single-
mode fibre optic middle-scale 1 x N DWDM devices for category
OP+ - Extended outdoor protected environment
(IEC 61753-081-06:2023)

Dispositifs d'interconnexion et composants passifs
fibroniques - Norme de performance - Partie 081-06 :
Dispositifs DWDM 1 x N de milieu d'échelle fibroniques
unimodaux, non connecturisés, pour catégorie OP+ -
Environnement extérieur protégé étendu
(IEC 61753-081-06:2023)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Betriebsverhalten - Teil 081-06: Nicht mit
Steckverbindern versehene mittelgroße Einmoden-
Lichtwellenleiter-1 x N-DWDM-Bauteile für die Kategorie
OP+ - Freiluft, geschützte Umgebung, erweitert
(IEC 61753-081-06:2023)

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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 61753-081-06:2023 (E)**European foreword**

The text of document 86B/4804/FDIS, future edition 1 of IEC 61753-081-06, 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 61753-081-06:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-09-21 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-12-21 document have to be withdrawn

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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>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 60794-2-50	-	Optical fibre cables - Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies	EN IEC 60794-2-50	-
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	series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures	EN IEC 61300	series
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 61300-2-4	-	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 61300-2-9	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-9: Tests - Shock	EN 61300-2-9	-
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	-

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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	-
IEC 61300-2-21	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-21: Tests - Composite temperature/humidity cyclic test	EN 61300-2-21	-
IEC 61300-2-22	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-22: Tests - Change of temperature	EN 61300-2-22	-
IEC 61300-2-26	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-26: Tests - Salt mist	EN IEC 61300-2-26	-
IEC 61300-2-27	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-27: Tests - Dust - Laminar flow	EN 61300-2-27	-
IEC 61300-2-44	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-44: Tests - Flexing of the strain relief of fibre optic devices	EN 61300-2-44	-
IEC 61300-3-2	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-2: Examination and measurements - Polarization dependent loss in a single-mode fibre optic device	EN 61300-3-2	-
IEC 61300-3-6	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss	EN 61300-3-6	-
IEC 61300-3-20	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-20: Examinations and measurements - Directivity of fibre optic branching devices	EN 61300-3-20	-
IEC 61300-3-28	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-28: Examinations and measurements - Transient loss	EN 61300-3-28	-

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IEC 61300-3-29	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-29: Examinations and measurements - Spectral transfer characteristics of DWDM devices	EN 61300-3-29	-
IEC 61300-3-32	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-32: Examinations and measurements - Polarization mode dispersion measurement for passive optical components	EN 61300-3-32	-
IEC 61300-3-38	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-38: Examinations and measurements - Group delay, chromatic dispersion and phase ripple	EN 61300-3-38	-
IEC 61753-1	-	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance	EN IEC 61753-1	-
IEC 61753-081-02	-	Fibre optic interconnecting devices and passive components - Performance standard - Part 081-02: Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C - Controlled environments	EN IEC 61753-081-02	-
IEC 62074-1	-	Fibre optic interconnecting devices and passive components - Fibre optic WDM devices - Part 1: Generic specification	EN 62074-1	-
IEC/TS 62627-09	-	Fibre optic interconnecting devices and passive components - Vocabulary for passive optical devices	-	-

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Part 081-06: Non-connectorized single-mode fibre optic middle-scale 1 × N DWDM devices for category OP+ – Extended outdoor protected environment

Dispositifs d'interconnexion et composants passifs fibroniques – Norme de performance –

Partie 081-06: Dispositifs DWDM 1 × N de milieu d'échelle fibroniques unimodaux, non connectorisés, pour catégorie OP+ – Environnement extérieur protégé étendu

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