
Plošče z optičnimi vezji - 4-3. del: Standardi za vmesnike - Sestav zaključenega valovoda OCB, ki uporablja enoredni 32-kanalski konektor PMT, ki se ujema s konektorjem MPO 16 z medkontaktnim razmikom 250 µm (IEC 62496-4-3:2026)

Optical circuit boards - Part 4-3: Interface standards - Terminated waveguide OCB assembly using a single-row 32-channel PMT connector intermateable with a 250-µm pitch MPO 16 (IEC 62496-4-3:2026)

Optische Leiterplatten - Teil 4-3: Schnittstellennormen - Konfektionierter OCB Wellenleiter mit 250 µm Raster MPO 16 Steckverbinder steckbaren einreihigem 32-Kanal PMT Steckverbinder (IEC 62496-4-3:2026)

Cartes à circuits optiques - Partie 4-3: Normes d'interface - Terminaison d'un ensemble de cartes à circuits optiques à guide d'ondes qui utilise un connecteur PMT de 32 canaux sur une seule rangée accouplable avec un MPO 16 à pas de 250 µm (IEC 62496-4-3:2026)

Ta slovenski standard je istoveten z: EN IEC 62496-4-3:2026

ICS:

31.180	Tiskana vezja (TIV) in tiskane plošče	Printed circuits and boards
33.180.01	Sistemi z optičnimi vlakni na splošno	Fibre optic systems in general

SIST EN IEC 62496-4-3:2026

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EUROPEAN STANDARD

EN IEC 62496-4-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2026

ICS 33.180.01

English Version

Optical circuit boards - Part 4-3: Interface standards -
Terminated waveguide OCB assembly using a single-row thirty-
two-channel PMT connector intermateable with a 250 µm pitch
MPO 16
(IEC 62496-4-3:2026)

Cartes à circuits optiques - Partie 4-3: Normes d'interface -
Terminaison d'un ensemble de cartes à circuits optiques à
guide d'ondes qui utilise un connecteur PMT de trente-deux
canaux sur une seule rangée accouplable avec un MPO 16
à pas de 250 µm
(IEC 62496-4-3:2026)

Optische Leiterplatten - Teil 4-3: Schnittstellennormen -
Konfektionierter OCB Wellenleiter mit 250 µm Raster MPO
16 Steckverbinder steckbaren einreihigem 32-Kanal PMT
Steckverbinder
(IEC 62496-4-3:2026)

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

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EN IEC 62496-4-3:2026 (E)

European foreword

The text of document 86/641/CDV, future edition 1 of IEC 62496-4-3, prepared by TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62496-4-3:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-03-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-03-31 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62496-4-3:2026 was approved by CENELEC as a European Standard without any modification.

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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 61754-5	-	Fibre optic connector interfaces - Part 5: Type MT connector family	EN 61754-5	-
IEC 62496-1	-	Optical circuit boards - Part 1: General	EN 62496-1	-
IEC 62496-4	-	Optical circuit boards - Part 4: Interface standards - General and guidance	EN 62496-4	-

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INTERNATIONAL STANDARD

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Part 4-3: Interface standards - Terminated waveguide OCB assembly using a
single-row thirty-two-channel PMT connector intermateable with a 250- μ m pitch
MPO 16**

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