

STN	Dosky s optickými obvodmi Časť 4-214: Normy na rozhrania Dohotovená zostava vlnovodovej OCB s jednoradovým tridsaťdvakanálovým symetrickým konektorom PMT	STN EN IEC 62496-4-214 35 9285
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Optical circuit boards - Part 4-214: Interface standards - Terminated waveguide OCB assembly using a single-row thirty-two-channel symmetric PMT connector

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/20

Obsahuje: EN IEC 62496-4-214:2020, IEC 62496-4-214:2020

EUROPEAN STANDARD

EN IEC 62496-4-214

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2020

ICS 33.180.01

English Version

**Optical circuit boards - Part 4-214: Interface standards -
Terminated waveguide OCB assembly using a single-row thirty-
two-channel symmetric PMT connector
(IEC 62496-4-214:2020)**

Cartes à circuits optiques - Partie 4-214 : Normes
d'interface - Terminaison d'un ensemble de cartes à circuits
optiques à guide d'onde utilisant un connecteur PMT
symétrique de trente-deux canaux sur une seule rangée
(IEC 62496-4-214:2020)

Optische Leiterplatten - Teil 4-214: Schnittstellen Standard -
Konfektionierter OCB Wellenleiter mit einreihigem
symmetrischen 32-Kanal PMT Steckverbinder
(IEC 62496-4-214:2020)

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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 62496-4-214:2020 (E)**European foreword**

The text of document 86/563/CDV, future edition 1 of IEC 62496-4-214, prepared by IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62496-4-214:2020.

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) 2021-03-17
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IEC 61754-5 NOTE Harmonized as EN 61754-5

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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	-



IEC 62496-4-214

Edition 1.0 2020-05

INTERNATIONAL STANDARD

Optical circuit boards –

**Part 4-214: Interface standards – Terminated waveguide OCB assembly using
a single-row thirty-two-channel symmetric PMT connector**

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INTERNATIONAL STANDARD

Optical circuit boards –

**Part 4-214: Interface standards – Terminated waveguide OCB assembly using
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OPTICAL CIRCUIT BOARDS –

Part 4-214: Interface standards – Terminated waveguide OCB assembly using a single-row thirty-two-channel symmetric PMT connector

FOREWORD

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International Standard IEC 62496-4-214 has been prepared by IEC technical committee 86: Fibre optics.

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

CDV	Report on voting
86/563/CDV	86/564/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.

A list of all parts in the IEC 62496 series, published under the general title *Optical circuit boards*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
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OPTICAL CIRCUIT BOARDS –

Part 4-214: Interface standards – Terminated waveguide OCB assembly using a single-row thirty-two-channel symmetric PMT connector

1 Scope

This part of IEC 62496 defines the standard interface dimensions for a terminated waveguide optical circuit board (OCB) assembly (referred to simply as "assembly") using single-row thirty-two-channel connectors for polymer waveguides connected with a symmetric PMT connector.

2 Normative references

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.

IEC 62496-1, *Optical circuit boards – Part 1: General*

IEC 62496-4, *Optical circuit boards – Part 4: Interface standards – General and guidance*

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