



BSI Standards Publication

Fibre optic active components and devices — Package and interface standards

Part 17: Transmitter and receiver components with dual coaxial RF connectors

National foreword

This British Standard is the UK implementation of EN IEC 62148-17:2023. It is identical to IEC 62148-17:2023. It supersedes BS EN 62148-17:2014, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/86/3, Fibre optic systems and active devices.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Fibre optic active components and devices - Package and
interface standards - Part 17: Transmitter and receiver
components with dual coaxial RF connectors
(IEC 62148-17:2023)

Composants et dispositifs actifs fibroniques - Normes de
boîtiers et d'interface - Partie 17: Composants émetteurs et
récepteurs avec deux connecteurs RF coaxiaux
(IEC 62148-17:2023)

Aktive Lichtwellenleiterbauelemente und -Geräte -
Gehäuse- und Schnittstellennormen - Teil 17: Sende- und
Empfangsbauteile mit dualen HF-Koaxialsteckverbindern
(IEC 62148-17:2023)

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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

European foreword

The text of document 86C/1880/FDIS, future edition 2 of IEC 62148-17, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62148-17:2023.

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) 2024-07-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-10-25

This document supersedes EN 62148-17:2014 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 62148-17:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60191 (series) NOTE Approved as EN 60191 (series)

IEC 60825-1 NOTE Approved as EN 60825-1

IEC 60825-2 NOTE Approved as EN 60825-2

IEC 61000 (series) NOTE Approved as EN IEC 61000 (series)

IEC 61281-1 NOTE Approved as EN IEC 61281-1

IEC 62007-2 NOTE Approved as EN 62007-2

ISO 1101 NOTE Approved as EN ISO 1101

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 61169-60	-	Radio-frequency connectors - Part 60: Sectional specification for RF coaxial connectors with push on mating - Characteristic impedance 50 Ohm (type SMPM)	EN IEC 61169-60	-
IEC 61754	series	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces	EN 61754	series
IEC 62007-1	-	Semiconductor optoelectronic devices for fibre optic system applications - Part 1: Specification template for essential ratings and characteristics	EN 62007-1	-
IEC 62148-1	-	Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance	EN IEC 62148-1	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Part 17: Transmitter and receiver components with dual coaxial RF connectors**

**Composants et dispositifs actifs fibroniques – Normes de boîtiers et d'interface –
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