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Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 36: Type SAC connector family

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. 10/25

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61754-36

July 2025

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English Version

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 36: Type SAC connector family (IEC 61754-36:2025)

Dispositifs d'interconnexion et composants passifs fibroniques - Interfaces de connecteurs fibroniques - Partie 36: Famille de connecteurs de type SAC (IEC 61754-36:2025)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Steckgesichter von Lichtwellenleiter-Steckverbindern - Teil 36: Steckverbinderfamilie Typ SAC (IEC 61754-36:2025)

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EN IEC 61754-36:2025 (E)

European foreword

The text of document 86B/5028/FDIS, future edition 1 of IEC 61754-36, 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 61754-36:2025.

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IEC 60794-2-50	NOTE	Approved as EN IEC 60794-2-50
IEC 61754-4 series	NOTE	Approved as EN 61754-4 series

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 61754-1	-	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance	EN 61754-1	-
IEC 61755-3-1	-	Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-1: Connector parameters of dispersion unshifted single-mode physically contacting fibres - Non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules	EN IEC 61755-3-1	-
IEC 61755-3-2	-	Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-2: Connector parameters of dispersion unshifted single-mode physically contacting fibres - Angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules	EN IEC 61755-3-2	-

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NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 36: Type SAC connector family

Dispositifs d'interconnexion et composants passifs fibroniques – Interfaces de connecteurs fibroniques – Partie 36: Famille de connecteurs de type SAC

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – FIBRE OPTIC CONNECTOR INTERFACES –

Part 36: Type SAC connector family

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IEC 61754-36 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics. It is an International Standard.

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

Draft	Report on voting
86B/5028/FDIS	86B/5065/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 61754 series, published under the general title *Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces*, 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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
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FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – FIBRE OPTIC CONNECTOR INTERFACES –

Part 36: Type SAC connector family

1 Scope

This part of IEC 61754 defines the standard mechanical interface dimensions for the type SAC family of connectors.

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 61754-1, *Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces – Part 1: General and guidance*

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IEC 61755-3-2, *Fibre optic interconnecting devices and passive components – Connector optical interfaces – Part 3-2: Connector parameters of dispersion unshifted single-mode physically contacting fibres – Angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules*

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