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| STN | Optovláknové spájacie prvky a pasívne súčiastky Rozhrania optických konektorov Časť 4: Skupina konektorov typu SC | STN EN IEC 61754-4 35 9244 |
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Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC 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. 07/22

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EN IEC 61754-4

April 2022

ICS 33.180.20

Supersedes EN 61754-4:2013 and all of its amendments
and corrigenda (if any)

English Version

Fibre optic interconnecting devices and passive components -
Fibre optic connector interfaces - Part 4: Type SC connector
family
(IEC 61754-4:2022)

Dispositifs d'interconnexion et composants passifs
fibroniques - Interfaces de connecteurs fibroniques -
Partie 4: Famille de connecteurs de type SC
(IEC 61754-4:2022)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Steckgesichter von Lichtwellenleiter-
Steckverbindern - Teil 4: Steckverbinderfamilie der Bauart
SC
(IEC 61754-4:2022)

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EN IEC 61754-4:2022 (E)**European foreword**

The text of document 86B/4563/FDIS, future edition 3 of IEC 61754-4, 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 61754-4:2022.

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IEC 61300-2-55 NOTE Harmonized as EN 61300-2-55

IEC 61755-3-1 NOTE Harmonized as EN 61755-3-1

IEC 61755-3-2 NOTE Harmonized as EN 61755-3-2

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.cenelec.eu.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|---|---------------|-------------|
| IEC 61300-3-22 | - | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-22: Examinations and measurements - Ferrule compression force | EN 61300-3-22 | - |
| IEC 61754-1 | - | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance | EN 61754-1 | - |



IEC 61754-4

Edition 3.0 2022-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Fibre optic
connector interfaces –
Part 4: Type SC connector family**

**Dispositifs d'interconnexion et composants passifs fibroniques – Interfaces de
connecteurs fibroniques –
Partie 4: Famille de connecteurs de type SC**



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IEC 61754-4

Edition 3.0 2022-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces –
Part 4: Type SC connector family**

**Dispositifs d'interconnexion et composants passifs fibroniques – Interfaces de connecteurs fibroniques –
Partie 4: Famille de connecteurs de type SC**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 4: Type SC connector family

FOREWORD

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IEC 61754-4 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.

This third edition cancels and replaces the second edition published in 2013 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the test method IEC 61300-3-22 for the compression force of the ferrule was added;
- b) Annex A (informative) with cut out dimension requirements for testing the strength of mounted adaptors was added.

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

| Draft | Report on voting |
|---------------|------------------|
| 86B/4563/FDIS | 86B/4584/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/standardsdev/publications.

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Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

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

Part 4: Type SC connector family

1 Scope

This part of IEC 61754 specifies the standard interface dimensions for type SC 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 61300-3-22, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-22: Examinations and measurements – Ferrule compression force*

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koniec náhľadu – text ďalej pokračuje v platenej verzii STN