

<b>STN</b>	<b>Optovláknové spájacie prvky a pasívne súčiastky Rozhrania optických konektorov Časť 13: Konektory typu FC-PC</b>	<b>STN EN IEC 61754-13</b>  35 9244
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Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 13: Type FC-PC 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. 09/24

Obsahuje: EN IEC 61754-13:2024, IEC 61754-13:2024

Oznámením tejto normy sa od 17.06.2025 ruší  
STN EN 61754-13 (35 9244) z októbra 2006

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EUROPEAN STANDARD

**EN IEC 61754-13**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2024

ICS 33.180.20

Supersedes EN 61754-13:2006

English Version

**Fibre optic interconnecting devices and passive components -  
Fibre optic connector interfaces - Part 13: Type FC-PC  
connector family  
(IEC 61754-13:2024)**

Dispositifs d'interconnexion et composants passifs  
fibroniques - Interfaces de connecteurs fibroniques - Partie  
13: Famille de connecteurs de type FC-PC  
(IEC 61754-13:2024)

Lichtwellenleiter - Verbindungselemente und passive  
Bauteile - Steckgesichter von Lichtwellenleiter-  
Steckverbindern - Teil 13: Steckverbinderfamilie der Bauart  
FC-PC  
(IEC 61754-13:2024)

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**EN IEC 61754-13:2024 (E)****European foreword**

The text of document 86B/4874/FDIS, future edition 3 of IEC 61754-13, 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 61754-13:2024.

The following dates are fixed:

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

IEC 61300-3-22	NOTE	Approved as EN 61300-3-22
IEC 63267-2-1	NOTE	Approved as EN IEC 63267-2-1

## 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](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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 61754-13

Edition 3.0 2024-05

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces –  
Part 13: Type FC-PC connector family**

**Dispositifs d'interconnexion et composants passifs fibroniques – Interfaces de connecteurs fibroniques –  
Partie 13: Famille de connecteurs de type FC-PC**



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Edition 3.0 2024-05

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces –  
Part 13: Type FC-PC connector family**

**Dispositifs d'interconnexion et composants passifs fibroniques – Interfaces de connecteurs fibroniques –  
Partie 13: Famille de connecteurs de type FC-PC**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING  
DEVICES AND PASSIVE COMPONENTS –  
FIBRE OPTIC CONNECTOR INTERFACES –****Part 13: Type FC-PC connector family**

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IEC 61754-13 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 2006. This edition constitutes a technical revision.

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

- a) Revising normative reference reflecting the latest documents;
- b) Addition of intermateability in 5.2;

- c) Changes of dimensions of the plug connector interface in Table 2 and Table 3;
- d) Addition of Grade  $A_m$ ,  $B_m$  and  $C_m$  in Table 3.

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

Draft	Report on voting
86B/4874/FDIS	86B/4911/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.

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.

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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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

## **Part 13: Type FC-PC connector family**

### **1 Scope**

This part of IEC 61754 defines the standard interface dimensions for the type FC-PC 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*

IEC 61755-3-1, *Fibre optic connector optical interfaces – Part 3-1: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia PC ferrule, single mode fibre*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**