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

Obsahuje: EN 61754-6:2013, IEC 61754-6:2013

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014  
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy  
rozmnžovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English version

**Fibre optic interconnecting devices and passive components -  
Fibre optic connector interfaces -  
Part 6: Type MU connector family  
(IEC 61754-6:2013)**

Dispositifs d'interconnexion et composants  
passifs à fibres optiques -  
Interfaces de connecteurs à fibres  
optiques  
(CEI 61754-6:2013)

Lichtwellenleiter -  
Verbindungselemente und passive  
Bauteile - Steckgesichter von  
Lichtwellenleiter-Steckverbindern -  
Teil 6: Bauart MU-Steckverbinderfamilie  
(IEC 61754-6:2013)

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 86B/3627/FDIS, future edition 2 of IEC 61754-6, prepared by subcommittee 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 61754-6:2013.

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) 2014-05-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2014-08-26

This document supersedes EN 61754-6:1997 + A1:2001 + A2:2005.

EN 61754-6:2013 includes the following significant technical changes with respect to EN 61754-6:1997 + A1:2001 + A2:2005 :

a) addition of standard references;

b) revision of intermateability.

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## Annex ZA (normative)

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NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61755-3-1		Fibre optic interconnecting devices and passive components -Fibre optic connector optical interfaces - Part 3-1:Connectors with 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrule, non-angled single mode non-dispersion shifted fibres	prEN 61755-3-1 <sup>1)</sup>	
IEC 61755-3-2		Fibre optic interconnecting devices and passive components -Fibre optic connector optical interfaces - Part 3-2: Connectors with 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrule, angled single mode non-dispersion shifted fibres	prEN 61755-3-2 <sup>1)</sup>	

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<sup>1)</sup> At draft stage.



**IEC 61754-6**

Edition 2.0 2013-07

# **INTERNATIONAL STANDARD**

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**Fibre optic interconnecting devices and passive components – Fibre optic  
connector interfaces –  
Part 6: Type MU connector family**





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IEC 61754-6

Edition 2.0 2013-07

# INTERNATIONAL STANDARD

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**Fibre optic interconnecting devices and passive components – Fibre optic  
connector interfaces –  
Part 6: Type MU connector family**

INTERNATIONAL  
ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**FIBRE OPTIC INTERCONNECTING  
DEVICES AND PASSIVE COMPONENTS –  
FIBRE OPTIC CONNECTOR INTERFACES –****Part 6: Type MU connector family**

## FOREWORD

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International Standard IEC 61754-6 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 1997 and constitutes a technical revision.

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

- a) addition of standard references;
- b) revision of intermateability.

The text of this standard is based on the following documents:

FDIS	Report on voting
86B/3627/FDIS	86B/3662/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61754 series, under the general title *Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces*, can be found on the IEC website.

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

**Part 6: Type MU connector family**

**1 Scope**

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

**2 Normative references**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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*

IEC 61755-3-2, *Fibre optic connector optical interfaces – Part 3-2: Optical interface, 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules for 8 degrees angled-PC single mode fibres*

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