

STN	Optovláknové spájacie prvky a pasívne súčiastky. Rozhrania optických konektorov. Časť 6-100: Skupina konektorov typu MU. Rozhrania zjednodušenej konektorovej zásuvky MU-PC.	STN EN 61754-6-100
		35 9244

Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6-100: Type MU connector family - Simplified receptacle MU-PC connector interfaces

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. 08/16

Obsahuje: EN 61754-6-100:2016, IEC 61754-6-100:2015

Oznámením tejto normy sa od 10.12.2016 ruší
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Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

EN 61754-6-100

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2016

ICS 33.180.20

Supersedes EN 61754-6-1:2003

English Version

**Fibre optic interconnecting devices and passive components -
Fibre optic connector interfaces - Part 6-100: Type MU
connector family - Simplified receptacle MU-PC connector
interfaces
(IEC 61754-6-100:2015)**

Dispositifs d'interconnexion et composants passifs à fibres
optiques - Interfaces de connecteurs à fibres optiques -
Partie 6-100: Famille de connecteurs de type MU -
Interfaces de connecteur MU-PC à embase simplifiée
(IEC 61754-6-100:2015)

Lichtwellenleiter - Verbindungselemente und passive
Bauteile - Steckgesichter von Lichtwellenleiter-
Steckverbindern - Teil 6-100: Steckverbinderfamilie der
Bauart MU - Steckgesichter von vereinfachten MU-PC-
Anschlussbuchsen
(IEC 61754-6-100:2015)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 86B/3939/FDIS, future edition 1 of IEC 61754-6-100, 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 61754-6-100:2016.

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) 2016-09-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-12-10

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Annex ZA (normative)

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NOTE 1 When 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 61754-6	2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family	EN 61754-6	2013
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	EN 61755-3-1	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Fibre optic connector interfaces –
Part 6-100: Type MU connector family – Simplified receptacle MU-PC connector interfaces**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –
Interfaces de connecteurs à fibres optiques –
Partie 6-100: Famille de connecteurs de type MU – Interfaces de connecteur MU-PC à embase simplifiée**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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Part 6-100: Type MU connector family – Simplified receptacle MU-PC connector interfaces**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –
Interfaces de connecteurs à fibres optiques –
Partie 6-100: Famille de connecteurs de type MU – Interfaces de connecteur MU-PC à embase simplifiée**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING
DEVICES AND PASSIVE COMPONENTS –
FIBRE OPTIC CONNECTOR INTERFACES –****Part 6-100: Type MU connector family –
Simplified receptacle MU-PC connector interfaces**

FOREWORD

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International Standard IEC 61754-6-100 has been prepared by subcommittee SC86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This first edition of IEC 61754-6-100 cancels and replaces the first edition of IEC 61754-6-1 published in 2003. This edition constitutes a technical revision.

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

- a) change of the standard number;
- b) change of the interface number;
- c) addition of an intermateability table;

- d) change in the pin gauge specification;
- e) change in the specification of the ferrule outside diameter.
- f) addition of a table of the ferrule grade including multimode.

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

FDIS	Report on voting
86B/3939/FDIS	86B/3960/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 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.

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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- replaced by a revised edition, or
- amended.

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

**Part 6-100: Type MU connector family –
Simplified receptacle MU-PC connector interfaces**

1 Scope

This part of IEC 61754 defines the standard interface dimensions of simplified receptacle dimensions for the type MU connector family. The receptacle assembly consists of a simplified receptacle housing and a simplified plug.

2 Normative references

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