



SLOVENSKI STANDARD
SIST EN 61754-6:1999/A1:2002
01-september-2002

Fibre optic connector for interfaces - Part 6: Type MU connector family - Amendment A1 (IEC 61754-6:1997/A1:2001)

Fibre optic connector interfaces -- Part 6: Type MU connector family

Steckgesichter von Lichtwellenleiter-Steckverbindern -- Teil 6: Bauart MU Steckverbinderfamilie

Interfaces de connecteurs pour fibres optiques -- Partie 6: Famille de connecteurs de type MU

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Ta slovenski standard je istoveten z: **EN 61754-6:1997/A1:2001**

ICS:

33.180.20	Ú[ç^: [çæ) ^Á ađ !æ^Á æ [] cã } æç æ } æ	Fibre optic interconnecting devices
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SIST EN 61754-6:1999/A1:2002 **en**

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EUROPEAN STANDARD

EN 61754-6/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2001

ICS 33.180.20

English version

Fibre optic connector interfaces
Part 6: Type MU connector family
(IEC 61754-6:1997/A1:2001)

Interface de connecteurs pour fibres
optiques
Partie 6: Famille de connecteurs
de type MU
(CEI 61754-6:1997/A1:2001)

Steckgesichter von Lichtwellenleiter-
Steckverbindern
Teil 6: Bauart MU Steckverbinderfamilie
(IEC 61754-6:1997/A1:2001)

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This amendment A1 modifies the European Standard EN 61754-6:1997; it was approved by CENELEC on 2001-07-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 86B/1402/FDIS, future amendment 1 to IEC 61574-6:1997, 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 was approved by CENELEC as amendment A1 to EN 61754-6:1997 on 2001-07-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2002-04-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2004-07-01

Endorsement notice

The text of amendment 1:2001 to the International Standard IEC 61754-6:1997 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61754-6

1997

AMENDEMENT 1
AMENDMENT 1
2001-01

Amendement 1

Interfaces de connecteurs pour fibres optiques –

Partie 6:

Famille de connecteurs de type MU

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Amendment 1

[SIST EN 61754-6:1999/A1:2002](https://standards.iteh.ai/catalog/standards/sist/en-61754-6-1999-a1-2002)

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Fibre optic connector interfaces –

Part 6:

Type MU connector family

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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*Pour prix, voir catalogue en vigueur
For price, see current catalogue*

FOREWORD

This amendment has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/1402/FDIS	86B/1455/RVD

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

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2002. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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2 Description

Add, at the end of this subclause, the following new text:

This part 6 type MU connector family defines the standard interface dimensions of active device receptacles for the type MU connectors. The receptacles are used to retain the connector plugs and mechanically maintain the optical datum target of the plugs at a defined position within the receptacle housings.

3 Interfaces

Add, at the end of the list of standard interfaces, the following interfaces:

Interface 6-12: Simplex active device receptacle interface – for PC connector plug

Interface 6-13: Duplex active device receptacle interface – for PC connector plug

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Add, after the two tabular layouts, the following tabular layout:

Receptacles	Plug connectors	
	Interface 6-1 (simplex plug connector)	Interface 6-2 (duplex plug connector)
Interface 6-12 (simplex receptacle)	Mate	Not mate
Interface 6-13 (duplex receptacle)	Mate	Mate

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Add, after figure 11, the following new figure:

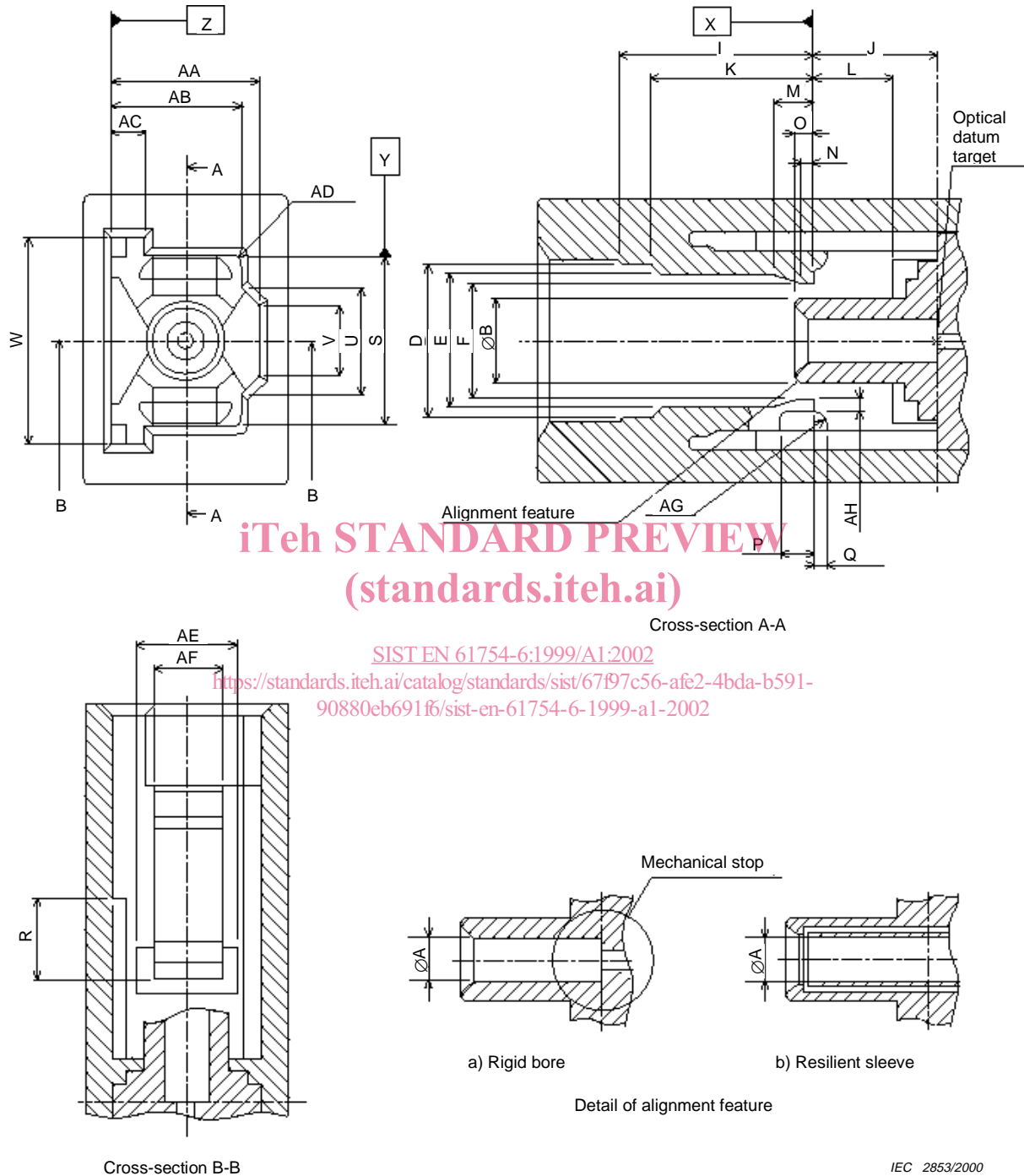


Figure 12a – Simplex active device receptacle interface

Add, after table 11, the following new tables and figures:

Table 12a – Dimensions of the simplex active device receptacle interface

Reference	Dimensions mm		Notes
	Minimum	Maximum	
A			See table 12b
B	2,29	2,59	
D	4,8	5	
E	4,55	–	
F	2,9	3,5	1
I	–	6,5	
J	3,9	4,1	2
K	–	5,4	
L	2,55	2,7	
M	–	1,4	
N	–	0,55	
O	–	0,6	
P	–	1,2	
Q	–	0,4	
R	–	2,55	
S	5,65	5,75	Radius
U	3,8	4	
V	3,3	–	
W	6,7	–	
AA	4,45	4,55	
AB	4,01	4,11	
AC	0,95	1,15	
AD	–	0,2	Radius
AE	2,8	2,95	
AF	1,9	2,1	
AG	0,3	–	Radius
AH	0,4	0,55	

NOTE 1 Dimension F should become greater than 4,5 mm when a plug is coupled to or removed from the receptacle.

NOTE 2 A mechanical stop feature may be required in order to bring the fibre tip to the optical datum target. An example of a mechanical stop feature is shown in figure 12a, Detail of alignment feature, a) Rigid bore.