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Responsible committee: GEL/86/2 Fibre optic interconnecting devices and passive components

Interested committees:

Title: BS EN IEC 61755-3-7 Fibre optic interconnecting devices and passive components - Connector optical interfaces

Part 3-7: Connector parameters of non-dispersion shifted single mode physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter cylindrical composite ferrules using titanium as fibre surrounding material

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- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



86B/4975/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER: IEC 61755-3-7 ED2	
DATE OF CIRCULATION: 2024-11-15	CLOSING DATE FOR COMMENTS: 2025-01-10
SUPERSEDES DOCUMENTS: 86B/4965A/RR	

IEC SC 86B : FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS	
SECRETARIAT: Japan	SECRETARY: Mr Ryo Koyama
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	

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TITLE:
Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-7: Connector parameters of non-dispersion shifted single mode physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter cylindrical composite ferrules using titanium as fibre surrounding material

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS
– CONNECTOR OPTICAL INTERFACES –****Part 3-7: Connector parameters of non-dispersion shifted single mode
physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter
cylindrical composite ferrules using titanium as fibre surrounding
material**

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- International Standard IEC 61755-3-7 has been prepared by subcommittee SC86B: 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 2009. It constitutes a technical revision. The changes with respect to the previous edition are:

- a) harmonization with the other level 3 optical interface documents (IEC 61755-3-1);
- b) addition of the reference grades in Table 1 and Table 2;
- c) addition of the Annex B and C.

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

FDIS	Report on voting
XX/XX/FDIS	XX/XX/RVD

90
91 Full information on the voting for the approval of this standard can be found in the report on
92 voting indicated in the above table.

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

94 The committee has decided that the contents of this publication will remain unchanged until the
95 stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to
96 the specific publication. At this date, the publication will be

- 97 • reconfirmed,
98 • withdrawn,
99 • replaced by a revised edition, or
100 • amended.

101

102 The National Committees are requested to note that for this publication the stability date is

103 THIS TEXT IS INCLUDED FOR THE INFORMATION OF THE NATIONAL COMMITTEES AND WILL BE DELETED
104 AT THE PUBLICATION STAGE.

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