BS EN 61755-3-32:2016

BSI Standards Publication

Fibre optic interconnecting devices and passive components — Connector optical interfaces

Part 3-32: Connector parameters of non-dispersion shifted single mode physically contacting fibres — Angled thermoset epoxy rectangular ferrules

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National foreword

This British Standard is the UK implementation of EN 61755-3-32:2016. It is identical to IEC 61755-3-32:2015. It supersedes DD IEC/PAS 61755-3-32:2007 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/2, Fibre optic interconnecting devices and passive components.

A list of organizations represented on this committee can be obtained on request to its secretary.

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EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-32: Connector parameters of non-dispersion shifted single mode physically contacting fibres - Angled thermoset epoxy rectangular ferrules (IEC 61755-3-32:2015)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Interfaces optiques de connecteurs - Partie 3-32: Paramètres de connecteurs pour fibres unimodales à dispersion non décalée, en contact physique - Férules rectangulaires avec angle en époxy thermodurcissable (IEC 61755-3-32:2015)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Teil 3-32: Optische Schnittstelle rechteckige duroplastische Epoxid-Ferrule 8 Grad abgewinkelt physikalischer Kontakt für Einmodenfasern (IEC 61755-3-32:2015)

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European foreword

The text of document 86B/3889/FDIS, future edition 1 of IEC 61755-3-32, 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 61755-3-32:2016.

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)	2016-09-11
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2019-03-11

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

IEC 61753-1	NOTE	Harmonized as EN 61753-1.
IEC 61754-10:2005	NOTE	Harmonized as EN 61754-10:2005.
IEC 61755-2-1	NOTE	Harmonized as EN 61755-2-1.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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.

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

Publication	Year	Title	EN/HD	Year
IEC 60793-2-50	-	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	-
IEC 61300-3-30	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-30: Examinations and measurements - Polish angle and fibre position on single ferrule multifibre connectors	EN 61300-3-30	-
IEC 61300-3-52	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-52: Examinations and measurements - Guide hole and alignment pin deformation constant, CD for 8 degree angled PC rectangular ferrule, single mode fibres	EN 61300-3-52	-
IEC 61754	Series	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces	EN 61754	Series
IEC 61754-5	2005	Fibre optic connector interfaces - Part 5: Type MT connector family	EN 61754-5	2005
IEC 61754-7	2008	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7: Type MPO connector family	EN 61754-7	2008
IEC 61754-7-1	2014	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-1: Type MPO connector family - One fibre row	EN 61754-7-1	2014
IEC 61755-1	-	Fibre optic connector optical interfaces - Part 1: Optical interfaces for single mode non-dispersion shifted fibres - General and guidance	EN 61755-1	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 3-32: Connector parameters of non-dispersion shifted single mode physically contacting fibres – Angled thermoset epoxy rectangular ferrules

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International Standard IEC 61755-3-32 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/3889/FDIS	86B/3915/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.

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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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