



BSI Standards Publication

Fibre optic interconnecting devices and passive components — Connector optical interfaces

Part 2-4: Connection parameters of non-dispersion shifted single-mode physically contacting fibres – Non-angled for reference connection applications

National foreword

This British Standard is the UK implementation of EN 61755-2-4:2015. It is identical to IEC 61755-2-4:2015.

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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Amendments/corrigenda issued since publication

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English Version

**Fibre optic interconnecting devices and passive components -
Connector optical interfaces - Part 2-4: Connection parameters
of non-dispersion shifted single-mode physically contacting
fibres - Non-angled for reference connection applications
(IEC 61755-2-4:2015)**

Dispositifs d'interconnexion et composants passifs à fibres optiques - Interfaces optiques de connecteurs pour fibres optiques - Partie 2-4: Connexion de fibres unimodales à dispersion non décalée en contact physique sans angle, avec polissage, pour applications en tant que connecteurs de référence
(IEC 61755-2-4:2015)

Lichtwellenleiter - Verbindungselemente und passive Bauteile - Optische Schnittstellen von Lichtwellenleiter-Steckverbindern - Teil 2-4: Optische Schnittstelle von nicht-dispersionsverschobenen, nicht abgeschrägten Einmodenfasern mit physikalischem Kontakt für die Anwendung mit Referenzsteckverbindern
(IEC 61755-2-4:2015)

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Foreword

The text of document 86B/3845/FDIS, future edition 1 of IEC 61755-2-4, 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 61755-2-4:2015.

The following dates are fixed:

- latest date by which the document has to be (dop) 2015-11-12
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standard or by endorsement
- latest date by which the national (dow) 2018-02-12
standards conflicting with the
document have to be withdrawn

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The text of the International Standard IEC 61755-2-4:2015 was approved by CENELEC as a European Standard without any modification.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60793-2-50	-	Optical fibres -- Part 2-50: Product specifications - Sectional specification for class B single-mode fibres	EN 60793-2-50	-
IEC 61300-3-4	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-4: Examinations and measurements - Attenuation	EN 61300-3-4	-
IEC 61300-3-42	-	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -- Part 3-42: Examinations and measurements - Attenuation of single mode alignment sleeves and or adaptors with resilient alignment sleeves	EN 61300-3-42	-
IEC 61755-2-1	-	Fibre optic connector optical interfaces -- Part 2-1: Optical interface standard single mode non-angled physically contacting fibres	EN 61755-2-1	-
IEC 61755-2-2	-	Fibre optic connector optical interfaces -- Part 2-2: Optical interface standard single mode 8 degrees angled physically contacting fibres	EN 61755-2-2	-
IEC 61755-3 (mod) series		Fibre optic connector optical interfaces	EN 61755-3	series
IEC/TR 62627-04	-	Fibre optic interconnecting devices and passive components - Part 04: Example of uncertainty calculation: Measurement of the attenuation of an optical connector	-	-