



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61755-3-5:2007

ICS 33.180.20

**FIBRE OPTIC CONNECTOR OPTICAL  
INTERFACES -- PART 3-5: OPTICAL  
INTERFACE - 2,5 MM AND 1,25 MM  
DIAMETER CYLINDRICAL PC COMPOSITE  
FERRULE USING CU-NI-ALLOY AS FIBRE  
SURROUNDING MATERIAL, SINGLE MODE  
FIBRE (IEC 61755-3-5:2006 (EQV))**

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EUROPEAN STANDARD

**EN 61755-3-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2006

ICS 33.180.20

English version

**Fibre optic connector optical interfaces**  
**Part 3-5: Optical interface -**  
**2,5 mm and 1,25 mm diameter cylindrical PC composite ferrule**  
**using Cu-Ni-alloy as fibre surrounding material, single mode fibre**  
(IEC 61755-3-5:2006)

Interfaces optiques de connecteurs  
pour fibres optiques  
Partie 3-5: Interfaces optiques -  
Férules PC composites cylindriques  
de diamètre 2,5 mm et 1,25 mm,  
utilisant un alliage Cu-Ni comme matériau  
entourant la fibre, fibres unimodales  
(CEI 61755-3-5:2006)

Optische Schnittstellen  
von Lichtwellenleiter-Steckverbindern  
Teil 3-5: Optische Schnittstelle -  
Zylindrische PC-Composite-Ferrulen  
mit 2,5 mm und 1,25 mm Durchmesser  
für Einmodenfaser, mit Cu-Ni-Legierung  
als Material für die Faserfassung  
(IEC 61755-3-5:2006)

This European Standard was approved by CENELEC on 2006-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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/2258/CDV, future edition 1 of IEC 61755-3-5, prepared by SC 86B, Fibre optic interconnecting devices and passive components, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC Parallel Unique Acceptance Procedure and was approved by CENELEC as EN 61755-3-5 on 2006-12-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-12-01

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## Endorsement notice

The text of the International Standard IEC 61755-3-5:2006 was approved by CENELEC as a European Standard without any modification.

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

IEC 61753-1	NOTE	Harmonized as EN 61753-1:2001 (not modified).
IEC 61755-3	NOTE	Harmonized in EN 61755-3 series (not modified).

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INTERNATIONALE  
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**CEI  
IEC**

**61755-3-5**

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First edition  
2006-11

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**Interfaces optiques de connecteurs  
pour fibres optiques –**

**Partie 3-5:  
Interfaces optiques –  
Férules PC composites cylindriques  
de diamètre 2,5 mm et 1,25 mm, utilisant  
un alliage Cu-Ni comme matériau entourant  
la fibre, fibres unimodales**

**Fibre optic connector optical interfaces –**

**Part 3-5:  
Optical interface –  
2,5 mm and 1,25 mm diameter cylindrical PC  
composite ferrule using Cu-Ni-alloy as fibre  
surrounding material, single mode fibre**



Numéro de référence  
Reference number  
CEI/IEC 61755-3-5:2006

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Depuis le 1er janvier 1997, les publications de la CEI sont numérotées à partir de 60000. Ainsi, la CEI 34-1 devient la CEI 60034-1.

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