



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61755-3-6:2007

ICS 33.180.20

**FIBRE OPTIC CONNECTOR OPTICAL  
INTERFACES -- PART 3-6: OPTICAL  
INTERFACE - 2,5 MM AND 1,25 MM  
DIAMETER CYLINDRICAL 8 DEGREES  
ANGLED-PC COMPOSITE FERRULE USING  
CU-NI-ALLOY AS FIBRE SURROUNDING  
MATERIAL, SINGLE MODE FIBRE (IEC  
61755-3-6:2006 (EQV))**

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*This Irish Standard was  
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9 May 2007*

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EUROPEAN STANDARD

**EN 61755-3-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2006

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ICS 33.180.20

English version

**Fibre optic connector optical interfaces**  
**Part 3-6: Optical interface -**  
**2,5 mm and 1,25 mm diameter cylindrical 8 degrees angled-PC composite**  
**ferrule using Cu-Ni-alloy as fibre surrounding material, single mode fibre**  
(IEC 61755-3-6:2006)

Interfaces optiques de connecteurs  
pour fibres optiques  
Partie 3-6: Interfaces optiques -  
Férules composites cylindriques  
PC-orientées 8 degrés de diamètre  
2,5 mm et 1,25 mm, utilisant un alliage  
Cu-Ni comme matériau entourant la fibre,  
fibres unimodales  
(CEI 61755-3-6:2006)

Optische Schnittstellen  
von Lichtwellenleiter-Steckverbindern  
Teil 3-6: Optische Schnittstelle -  
Zylindrische, 8 Grad angeschrägte  
PC-Ferrulen mit 2,5 mm und 1,25 mm  
Durchmesser für Einmodenfaser,  
mit Cu-Ni-Legierung als Material  
für die Faserfassung  
(IEC 61755-3-6:2006)

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.

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.

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**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**

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## Foreword

The text of document 86B/2260/CDV, future edition 1 of IEC 61755-3-6, 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 61755-3-6 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 61755-3-6:2006 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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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**61755-3-6**

Première édition  
First edition  
2006-11

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

**Partie 3-6:  
Interfaces optiques –  
Férules composites cylindriques PC-orientées  
8 degrés 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 3-6:  
Optical interface –  
2,5 mm and 1,25 mm diameter cylindrical  
8 degrees angled-PC composite ferrule using  
Cu-Ni-alloy as fibre surrounding material, single  
mode fibre**



Numéro de référence  
Reference number  
CEI/IEC 61755-3-6:2006

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