



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60793-1-21:2002

ICS 33.180.10

**OPTICAL FIBRES**

**PART 1-21: MEASUREMENT METHODS AND**

**TEST PROCEDURES -**

**COATING GEOMETRY**

**(IEC 60793-1-21:2001)**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on  
May 17, 2002*

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EUROPEAN STANDARD

**EN 60793-1-21**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2002

ICS 33 180 10

English version

**Optical fibres**  
**Part 1-21: Measurement methods and test procedures –**  
**Coating geometry**  
(IEC 60793-1-21:2001)

Fibres optiques  
Partie 1-21: Méthodes de mesures  
et procédures d'essai –  
Géométrie du revêtement  
(CEI 60793-1-21:2001)

Lichtwellenleiter  
Teil 1-21: Messmethoden  
und Prüfverfahren -  
Beschichtungsgeometrie  
(IEC 60793-1-21:2001)

This European Standard was approved by CENELEC on 2002-03-05. 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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**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**



### Foreword

The text of document 86A/686/FDIS, future edition 1 of IEC 60793-1-21, prepared by SC 86A, Fibres and cables, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60793-1-21 on 2002-03-05

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) 2002-12-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2005-03-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A, B and ZA are normative.  
Annex ZA has been added by CENELEC.

Compared to IEC 60793-1:1989 and IEC 60793-2:1992, IEC/SC 86A has adopted a revised structure of the new IEC 60793 series. The individual measurement methods and test procedures for optical fibres are published as "Part 1-XX"; the product standards are published as "Part 2-XX".

The general relationship between the new series of EN 60793 and the superseded European Standards of the EN 188000 series is as follows:

EN	Title	supersedes
EN 60793-1-XX	Optical fibres -- Part 1-XX: Measurement methods and test procedures	Individual subclauses of EN 188000:1992
EN 60793-2-XX	Optical fibres -- Part 2-XX: Product specifications	EN 188100:1995 EN 188101:1995 EN 188102:1995 EN 188200:1995 EN 188201:1995 EN 188202:1995

EN 60793-1-2X consists of the following parts, under the general title: Optical fibres.

- Part 1-20: Measurement methods and test procedures – Fibre geometry
- Part 1-21: Measurement methods and test procedures – Coating geometry
- Part 1-22: Measurement methods and test procedures – Length measurement

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### Endorsement notice

The text of the International Standard IEC 60793-1-21:2001 was approved by CENELEC as a European Standard without any modification.

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