

## **Sectional Specification: Connector sets for optical fibres and cables - Type CF08**

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fibres and cables - Type CF08

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 186210:2006 sisaldab Euroopa standardi EN 186210:1992 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 27.01.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 186210:2006 consists of the English text of the European standard EN 186210:1992.</p> <p>This document is endorsed on 27.01.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<b>Käsitlusala:</b>	<b>Scope:</b>

**ICS** 33.180.20

**Võtmesõnad:**

UDC

Descriptors: Quality, electronic components, optical fibres and cables

English version

**Sectional specification:**

**Connector sets for optical fibres and cables**  
**Type CF08**

Spécification intermédiaire:

Jeux de connecteurs pour fibres et  
câbles optiques  
Type CF08

Rahmenspezifikation:

Steckverbinder für LWL und  
Lichtwellenleiterkabel  
Bauart CF08

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 21 October 1992. CENELEC members are bound to comply with 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 General Secretariat of the CECC 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 CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

**CECC**

CENELEC Electronic Components Committee

Comité des Composants Electroniques du CENELEC

CENELEC- Komitee für Bauelemente der Elektronik

**General Secretariat: Gartenstr. 179, W- 6000 Frankfurt/Main 70**

## PREFACE

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for OPTICAL FIBRES AND CABLES. It should be read in conjunction with the current regulations for the CECC System.

## FOREWORD

This specification was prepared by CECC WG 26 "Fibre Optic Connectors".

It is based, wherever possible, on the Publications of the International Electrotechnical Commission (IEC).

The CECC voting procedure has been concluded on draft prEN 186 210 : 1992 circulated as document CECC(Secretariat)2757/03.91 and has resulted in a positive vote.

The voting report [document CECC(Secretariat)3176/08.92] has been submitted for formal approval and has been accepted. The reference document was approved by CECC as EN 186 210 : 1992 on 21 October 1992.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| - latest date of announcement of the EN at national level      | (doa) | 1992-12-28 |
| - latest date of publication of an identical national standard | (dop) | 1993-06-28 |
| - latest date of withdrawal of conflicting national standards  | (dow) | 1993-06-28 |

Document numbering for fibre optic connector specifications follows 2.2(1) of CECC 00 700, Section IV, in order to permit the issue of more than nine sectional specifications. The approved numbering system applicable to fibre optic connector specifications is illustrated in the following diagram.

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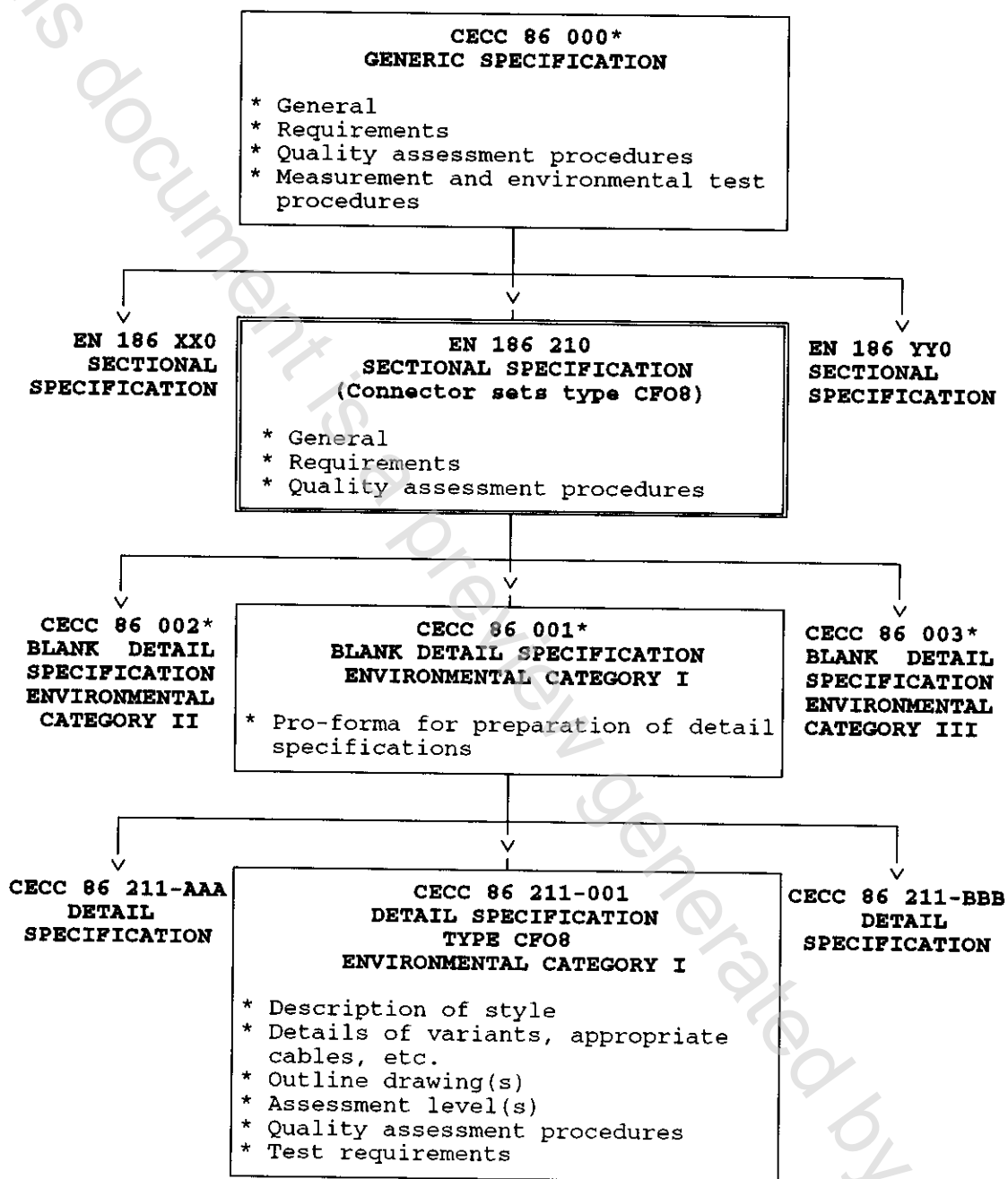
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# CECC SPECIFICATION SYSTEM



Editorial note:

\* Still in voting as EN specifications at date of publication of this specification (December 1992).

## SECTION ONE - GENERAL

### 1. General

#### 1.1 Scope

This sectional specification covers a family of single way fibre optic connector sets which are classified as type CF08. Type CF08 is a connector set of the plug-adaptor-plug configuration. It features a push-pull coupling mechanism and conical non butting ferrules. The optical alignment mechanism is a 4 mm diameter sphere self-contained within the adaptor.

The specification contains the requirements for type CF08 connector sets.

Detail specifications (DSs) shall be prepared using the following pro-forma general blank detail specifications (BDSs) associated with the generic specification. For example:

- CECC 86 001\* for environmental category I;
- CECC 86 002\* for environmental category II;
- CECC 86 003\* for environmental category III.

When completed, the DS(s) applicable to this SS shall be numbered in accordance with CECC 00 700 (Section IV) Issue 1, clause 4.2, as follows. For example:

- CECC 86 211-XXX, Detail specification, Type CF08, environmental category I;
- CECC 86 212-XXX, Detail specification, Type CF08, environmental category II;
- CECC 86 213-XXX, Detail specification, Type CF08, environmental category III.

#### 1.2 Related documents

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below.

References made to a specific clause or sub-clause of a standard includes all sub-clauses to the reference unless otherwise specified.

- CECC 86 000\* : Generic specification for connectors for optical fibres and cables.

\* See editorial note page 4.