

**Harmonized system of quality
assessment for electronic components**

Sectional specification: Connector sets for optical fibres and cables — Type MT

The European Standard EN 186240:1994 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EPL/86, Fibre optics, to Subcommittee EPL/86/2, Fibre optic interconnecting devices and passive components, upon which the following bodies were represented:

- BECCAMA (BEAMA Electrical Cable and Conductor Accessory Manufacturers' Association)
- British Approvals Service for Cables
- British Cable Makers Confederation
- British Telecommunications plc
- Department of Trade and Industry (National Physical Laboratory)
- Federation of the Electronics Industry
- Ministry of Defence
- National Supervising Inspectorate (BSI PC)
- Society of Motor Manufacturers and Traders Ltd.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1996

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National foreword

This British Standard has been prepared by Subcommittee EPL/86/2 and is the English language version of EN 186240:1994 *Sectional specification: Connector sets for optical fibres and cables — Type MT*, published by the Electronic Components Committee (CECC) of the European Committee for Electrotechnical Standardization (CENELEC).

Cross-references

Publication referred to	Corresponding British Standard
	BS EN 186000 <i>Harmonized system of quality assessment for electronic components. Generic specification. Connector sets for optical fibres and cables</i>
EN 186000-1:1993 (CECC 86000:1992)	BS EN 186000-1:1994 <i>Requirements, test methods and qualification approval procedures</i>
EN 186001	BS EN 186001:1994 <i>Specification for harmonized system of quality assessment for electronic components. Blank detail specification. Connectors for optical fibres and cables. Environmental category I</i>
EN 186002:1993	BS EN 186002:1994 <i>Specification for harmonized system of quality assessment for electronic components. Blank detail specification. Connector for optical fibres and cables Environmental category II</i>
EN 186003:1993	BS EN 186003:1994 <i>Specification for harmonized system of quality assessment for electronic components. Blank detail specification. Connector for optical fibres and cables Environmental category III</i>
EN 60825 (IEC 825)	BS EN 60825 <i>Safety of laser products</i>
EN 60825-1:1994 (IEC 825-1:1993)	BS EN 60825-1:1994 <i>Equipment classification, requirements and user's guide</i>
EN 60825-2:1994 (IEC 825-2:1993)	BS EN 60825-2:1994 <i>Safety of laser products. Safety of optical fibre communication systems</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Descriptors: Quality, electronic components, connector sets, optical fibres and cables

English version

Sectional specification:
Connector sets for optical fibres and cables
Type MT

Spécification intermédiaire:
Jeux de connecteurs pour fibres et câbles
optiques.
Type MT

Rahmenspezifikation: Steckverbindersätze für
Lichtwellenleiter und Lichtwellenleiterkabel
Bauart MT

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 7 February 1994. 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 Central 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

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 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.

The European Standard was prepared by CECC WG 26, Fibre optic connectors.

The text of the draft based on document CECC(Sec)3244 was submitted to the formal vote; together with the voting report, circulated as document CECC(Sec)3483 it was approved by CECC as EN 186240 on 7 February 1994.

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1993-08-08
- latest date of publication of an identical national standard^a (dop) 1994-02-08
- latest date of withdrawal of conflicting national standards^a (dow) 1995-02-08

^a National standard (excluding national implementation of IECQ Specification).

Document numbering for fibre optic connector specifications follows 2.2(1) of CECC 00700: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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