

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Fibre optic interconnecting devices and passive components – Connectors for optical fibres and cables –
Part 1-1: Blank detail specification**

**Dispositifs d'interconnexion et composants passifs à fibres optiques –
Connecteurs pour fibres et câbles optiques –
Partie 1-1: Spécification particulière cadre**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIBRE OPTIC INTERCONNECTING DEVICES
AND PASSIVE COMPONENTS –
CONNECTORS FOR OPTICAL FIBRES AND CABLES –****Part 1-1: Blank detail specification**

FOREWORD

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International Standard IEC 60874 has been prepared by sub-committee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

This third edition cancels and replaces the second edition published in 2006. It constitutes a technical revision. Specific technical changes since the second edition include to reconsider quality approval and quality conformance inspection and to add the optical interface standard into the detail specification worksheet.

The text of this standard is based on the following documents:

FDIS	Report on voting
86B/3268/FDIS	86B/3298/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The references to clauses or subclauses of IEC 60874-1 indicated in this Part 1-1 apply to the sixth edition of IEC 60874-1:2011.

A list of all parts of the IEC 60874 series, under the general title *Fibre optic interconnecting devices and passive components – Connectors for optic fibres and cables* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – CONNECTORS FOR OPTICAL FIBRES AND CABLES –

Part 1-1: Blank detail specification

1 Scope

This blank detail specification is not, by itself, a specification. It is part of the generic specification IEC 60874-1, *Fibre Optic Interconnecting Devices and Passive Components – Connectors for optical fibres and cables – Part 1: Generic specification*. It includes:

- a blank worksheet with instructions for preparing detail specifications.

2 Qualification approval

2.1 Procedure

The detail specification shall state the qualification approval procedure to be used (either the fixed sample or the lot-by-lot and periodic procedure may be used

2.2 Test schedule and performance requirements

The mandatory test schedules for qualification by the fixed sample procedure are defined in Table 1 of the detail specification worksheet (see Clause 4).

3 Quality conformance inspection

3.1 Lot-by-lot inspection

The mandatory test schedules for lot-by-lot inspection (groups A and B) are defined in Table 2 of the detail specification worksheet (see Clause 4).

3.2 Periodic inspection

The mandatory test schedules for periodic inspection (groups C and D) are defined in Table 3 of the detail specification worksheet (see Clause 4).

4 Detail specification worksheet

The following worksheet is provided to aid in the preparation of detail specifications. Spaces are provided for entering information. When the spaces are completed, the detail specification can be drafted in its final form.

The spaces are identified by numbers between brackets. Instructions for completing these numbered spaces are given below. When drafting the final detail specification, eliminate the bracketed instruction numbers.

- [1] The National IEC number assigned to the detail specification is added by the National Committee.
- [2] The date of the detail specification is added by the National Committee.
- [3] Enter the name and address of the National Committee.