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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Fibre optic interconnecting devices and passive components – Fibre optic fan-outs –
Part 1-1: Blank detail specification

Dispositifs d'interconnexion et composants passifs à fibres optiques – Systèmes d'éclatement pour fibres optiques –
Partie 1-1: Spécification particulière cadre

IEC Central Office
3, rue de Varembé
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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Email: csc@iec.ch
Tél.: +41 22 919 02 11
Fax: +41 22 919 03 00

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FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – FIBRE OPTIC FAN-OUTS –

Part 1-1: Blank detail specification

FOREWORD

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International Standard IEC 61314-1-1 has been prepared by subcommittee 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 2005, of which it constitutes a technical revision. The specific technical change from the previous edition of the document is to reconsider quality approval and quality conformance inspection and to add the mechanical and optical interface standards into the detail specification worksheet.

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

FDIS	Report on voting
86B/3271/FDIS	86B/3301/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.

A list of all parts of IEC 61314 series under the general title *Fibre optic interconnecting devices and passive components – Fibre optic fan-outs*, 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- withdrawn,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 – FIBRE OPTIC FAN-OUTS –

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 61314-1, *Fibre optic interconnecting devices and passive components – Fibre optic fanouts – Part 1: Generic specification*.

It includes:

– a blank worksheet with instructions for preparing detail specifications.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60874-1:2006, *Connectors for optical fibres and cables – Generic specification*

IEC 61314-1:2009, *Fibre optic interconnecting devices and passive components – Fibre optic fan-outs – Part 1: Generic specification*

3 Qualification inspection

3.1 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.

3.2 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).

The fixed sample procedure consists in subjecting a sample of specimens to the fixed sample qualification test sequence as specified in Table 1. The sample shall be drawn from current production.

4 Quality conformance inspection

4.1 Lot-by-lot and periodic procedure

The lot-by-lot and periodic procedure consists in performing the lot-by-lot inspections on a specified number of inspection lots (a minimum of three) taken in as short a time as possible. The periodic tests are then performed on samples selected from at least one of the lots.