INTERNATIONAL STANDARD

IEC 1314-1-1

QC 880001

First edition
1996-09

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Fibre optic fan-outs –

Part 1-1:
Blank detail specification –
Environmental categories
1, 2, 3, 5 and 99

Système d'éclatement pour fibres et câbles optiques –

Partie 1-1:
Spécification particulière-cadre –
Catégories d'environnement
1, 2, 3, 5 et 99

Reference number
IEC 1314-1-1: 1996(E)

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– la CEI 417: *Symboles graphiques utilisables sur le matériel. Index, relevé et compilation des feuilles individuelles;*

– la CEI 617: *Symboles graphiques pour schémas;*

et pour les appareils électromédicaux,

– la CEI 878: *Symboles graphiques pour équipements électriques en pratique médicale.*

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and for medical electrical equipment,

– IEC 878: *Graphical symbols for electromedical equipment in medical practice.*

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IEC publications prepared by the same technical committee

The attention of readers is drawn to the end pages of this publication which list the IEC publications issued by the technical committee which has prepared the present publication.

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Blank detail specification – Environmental categories 1, 2, 3, 5 and 99

Système d'éclatement pour fibres et câbles optiques –

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CONTENTS

Page

FOREWORD 3

Clause

1 General 5
1.1 Scope 5
1.2 Normative references 6
2 Qualification inspection 6
2.1 Procedure 6
2.2 Inspection schedule and performance requirements 6
3 Quality conformance inspection 6
3.1 Lot-by-lot inspection 6
3.2 Periodic inspection 6
4 Detail specification worksheet 6

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FIBRE OPTIC FAN-OUTS –

Part 1-1: Blank detail specification – Environmental categories 1, 2, 3, 5 and 99

FOREWORD

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2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.

3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.

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6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 1314-1-1 has been prepared by subcommittee 86B: Fibre optic interconnecting devices and passive components, of IEC technical committee 86: Fibre optics.

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

FDIS	Report on voting
86B/838/FDIS	86B/867/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.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

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FIBRE OPTIC FAN-OUTS –

Part 1-1: Blank detail specification – Environmental categories 1, 2, 3, 5 and 99

1 General

1.1 *Scope*

This blank detail specification is not, by itself, a specification. It is part of the generic specification IEC 1314-1 (QC 880000), and applies to each of the environmental categories 1, 2, 3, 5 and 99 (see IEC 874-1-1).

It includes:

– the mandatory quality assurance test and examination schedules and performance requirements to be performed for each of Environmental categories 1, 2, 3, 5 and 99;

– a blank worksheet with instructions for preparing detail specifications.

Environmental category 1 suggests a protected environment consisting of controlled temperature and humidity conditions with complete protection from the elements. Examples of such environments are offices and buildings with climatically controlled conditions.

Environmental category 2 suggests an environment without climate control but with protection from the elements. Examples of such environments are outdoor enclosures, cabinets and storage facilities.

Environmental category 3 suggests a severe environment without climate control or protection from the elements. Examples of such environments are those found in land vehicles, ships and aircraft.

Environmental category 5 suggests a protected environment with climate control and protection from the elements but with a severe usage of the fan-out. Examples of such environments are office buildings with climatically controlled conditions where the connectors/splices of the fan-out will experience repeated engagement and disengagement.

Environmental category 99 should be used where the standard Environmental categories are not suitable for the application.

Detail specification writers may add tests and/or groups of tests to a particular environmental category. However, the detail specification writer shall not remove tests nor alter the sequence of an environmental category. When a detail specification writer adds tests to a specified category, the environmental category shall be given a plus (+) designation. The same applies for adding and removing of examinations and measurements.

Example: environmental category 2 (+).

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1.2 *Normative references*

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 1314. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 1314 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

References to a specific clause or subclause of a standard include all subclauses to the reference, unless otherwise specified.

IEC 874, *Connectors for optical fibres and cables*

IEC 1073, *Splices for optical fibres and cables*

IEC 1300, *Fibre optic interconnecting devices and passive components – Basic test and measurement procedures*

IEC 1314-1:1995, *Fibre optic fan-outs – Part 1: Generic specification*

2 Qualification inspection

2.1 *Procedure*

The detail specification shall state the qualification approval procedure to be used (see 3.3 of IEC 1314-1).

2.2 *Inspection schedule and performance requirements*

The mandatory inspection schedules for qualification by the fixed-sample procedure are defined in tables 1-1, 1-2, 1-3, 1-5 and 1-99, respectively, for Environmental categories 1, 2, 3, 5 and 99 of the detail specification worksheet (see clause 4).

3 Quality conformance inspection

3.1 *Lot-by-lot inspection*

The mandatory inspection schedules for lot-by-lot inspection (groups A and B) are defined in tables 2-1, 2-2, 2-3, 2-5 and 2-99, respectively for Environmental categories 1, 2, 3, 5 and 99 of the detail specification worksheet (see clause 4).

3.2 *Periodic inspection*

The mandatory inspection schedules for periodic inspection (groups C and D) are defined in tables 3-1, 3-2, 3-3, 3-5 and 3-99, respectively, for environmental categories 1, 2, 3, 5 and 99 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.

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

[4] Enter the applicable classification categories (see 2.1 of IEC 1314-1).

[5] Enter the connector/splice type name.

[6] Enter the sectional specifications of the connector and/or splice, if any.

If the connectors of the fan-out do not meet standard interfaces, or, either the connectors or the splices of the fan-out are not classified by a climatic category, add the words "not applicable".

[7] Add the qualification procedure required for the detail specification (fixed-sample procedure or lot-by-lot procedure (see 3.3 of IEC 1314-1).

[8] Specify the component(s) control dimensions in the format shown (see 2.2.3 of IEC 1314-7). Include:

– outline drawings and dimensions of the entire fan-out and of the component parts (with the exception of the connectors and/or splices). When a connector standard type interface is referenced, these dimensions shall fall within the mating face dimensions defined for the type in the relevant sectional specification (see 2.2.3.3 of IEC 874-1);

– control dimensions for all variants;

– outline drawing and dimension of any special mounting device required for storage and protection of the fan-out, where applicable;

– measurement method(s) to be used when the requirements of 2.2.4.1 of IEC 1314-7 apply.

Add figures showing the dimensions for standard reference components and gauges, if required (see 2.2.4 of IEC 1314-7). Display the drawings in the format shown.

[9] Tabulate the identification number for each variant of each component (see 2.6.1 of IEC 1314-7). Assign a column in the table for each variant feature. For example, number of fibres or channels, fibre or cable sizes, etc.

[10] Specify the test fibre/cable for kit arrangement samples. If the detail specification does not cover a kit arrangement, eliminate the table.

[11] Enter supplementary information with respect to marking, requirements for certified records of released lots, and other appropriate information (see 2.6.2, 2.6.3 and 3.5 of IEC 1314-7).

[12] Tables 1-1, 1-2, 1-3, 1-5 and 1-99 define the measurements and tests for qualification by fixed sample size respectively required for environmental categories 1, 2, 3, 5 and 99. If qualification by lot-by-lot and periodic procedure is specified, eliminate the tables and renumber subsequent tables in the detail specification accordingly.

Specify the sample size for each group in column n.

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[13] Tables 2-1, 2-2, 2-3, 2-5 and 2-99 define the minimum measurements and tests, respectively required for environmental categories 1, 2, 3, 5 and 99, for groups A and B.

Detail specification writers may add measurements or tests to the tables. However, specified measurements or tests may not be removed.

Add the assessment level designation along with the inspection level and AQL in the appropriate place in the tables (see 2.1.7 of IEC 1314-7).

[14] Tables 3-1, 3-2, 3-3, 3-5 and 3-99 define the measurements and tests required for environmental categories 1, 2, 3, 5 and 99, for groups C and D periodic tests.

Add the assessment level designation together with the sample size, n, and the inspection period, p, in the appropriate place in the tables (see 2.1.7 of IEC 1314-7).

After completing the group C0 or D0 measurements and tests, the sample is divided to form the other sample groups (see 3.3.3 of IEC 1314-7). When needed, instructions for dividing the sample are given as a note to the tables.

[15] When completed, tables 4-1, 4-2, 4-3, 4-5 and 4-99 will contain the details, measurements and the performance requirements for all tests and measurements which appear in the corresponding tables 1-1, 1-2, 1-3, 1-5 and 1-99.

The format for measurements appears on lines [16], [17], and [18]. Enter the measurement procedure title and reference location on line [16] and the measurement details on lines [17].

The requirements for independent measurements (measurements which are not part of an environmental test) shall either be specified as a note to the tables where it was added (tables 1-1, 2-1 or 3-1, 5-1, 1-1, 1-2, 1-3, 1-5 and 1-99), or included in table 4-1 under the appropriate measurement on lines [18]. The requirements for dependent measurements (measurements which are part of an environmental test) shall be specified under the environmental test in table 4-1.

The format for environmental tests appears on lines [19], [20], [21], [22], and [23]. Enter the test procedure title and reference location on line [19]. Enter the test details on lines [20]. Enter the initial measurements to be made along with the performance requirements on line [21]. Enter the measurements to be made during the test together with the performance requirements on line [22]. Enter the final measurements to be made together with the performance requirements on line [23].

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NATIONAL STANDARDS ORGANIZATION: [3]	..... [1] Date..... [2]

DETAIL SPECIFICATION

FIBRE OPTIC COMPONENT OF ASSESSED QUALITY IN ACCORDANCE WITH

- Generic specification: IEC 1314-1, QC 880000

- Blank detail specification: IEC 1314-1-1, QC 880001

FAN-OUT

CLASSIFICATION:

Type: Name..... [5]

Sectional specifications for connectors, see IEC 874

Sectional specifications for splices, see IEC 1073 [6]

Configuration:..... (see figure.....)

Arrangement:.....

Style: packaging technology:.....

Variants: see pages.....

Climatic category:..... [4]

Environmental category:.....

Assessment level:.....

QUALIFICATION PROCEDURE: ..... [7]

SAFETY WARNING: Take care when handling small diameter optical fibre to prevent puncturing the skin, especially in the eye area. Direct viewing of the end of an optical fibre when it is propagating energy is not recommended unless prior assurance is obtained as to the safe energy output level.

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[8]

DRAWING

REF.	DIMENSIONS		NOTES
	MIN.	MAX.	

Notes:

1. .....

2. .....

ETC.

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[9] VARIANT IDENTIFICATION NUMBERS NUMBER: XXXXXX/YYYY--ZZZZ				
ZZZZ	Component Name	Variant Feature	Variant Feature	Variant Feature

[10] TEST FIBRE/CABLE

Fibre size: .....

Cable size: .....

Length .....

[11] SUPPLEMENTARY INFORMATION

Component marking:

(When specified, add component marking requirements here. See 2.6.2 of IEC 1314-7)

Component Package Marking:

(When specified, add component package marking requirements here. See 2.6.3 of IEC 1314-7)

Certified Records of Released Lots:

(Indicate whether a Certified Records of Released Lots is required. See 3.5 of IEC 1314-7)

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[12] **Table 1-1**

Fixed sample inspection schedule for qualification approval

(notes 1 and 6)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	n (note 2)
Group 0		
- Visual examination	1300-3-1	.....
- Dimensions	1300-3-1	
Group 1		
- Attenuation	1300-3-4 (note 5)	.....
Group 2		
- Cold	1300-2-17	.....
- Dry heat	1300-2-18	
- Damp heat (steady-state)	1300-2-19	
Group 3 (note 3)		
- Cable retention	1300-2-4	.....
- Axial compression	1300-2-11	
- Torsion	1300-2-5	
Group 4 (note 4)		
- Tensile strength of coupling	1300-2-6	.....
- Mating durability	1300-2-2	

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-1.

2 n = sample size

3 Not required for bare fibre pigtails or compact fan-out configurations.

4 Not required for fan-out whose connectors/splices were already qualified.

5 IEC 1300-3-4 (under consideration).

6 Second figure in table number represents the corresponding environmental category.

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[12] **Table 1-2**

Fixed sample inspection schedule for qualification approval

(notes 1 and 6)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	n (note 2)
Group 0		
- Visual examination	1300-3-1	.....
- Dimensions	1300-3-1	
Group 1		
- Attenuation	1300-3-4 (note 5)	.....
Group 2		
- Cold	1300-2-17	.....
- Dry heat	1300-2-18	
- Damp heat (steady-state)	1300-2-19	
Group 3		
- Change in temperature (test Na)	1300-2-22	.....
- Cable retention (note 3)	1300-2-4	
- Axial compression (note 3)	1300-2-11	
- Torsion (note 3)	1300-2-5	
- Cold	1300-2-17	
Group 4 (note 4)		
- Change in temperature (test Na)	1300-2-22	.....
- Tensile strength of coupling	1300-2-6	
- Mating durability	1300-2-2	
- Cold	1300-2-17	

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-1.

2 n = sample size.

3 Not required for bare fibre pigtails or compact fan-out configurations.

4 Not required for fan-out whose connectors/splices were already qualified.

5 IEC 1300-3-4 (under consideration).

6 Second figure in table number represents the corresponding environmental category.

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[12] **Table 1-3**

Fixed sample inspection schedule for qualification approval

(notes 1 and 6)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	n (note 2)
Group 0		
– Visual examination	1300-3-1	.....
– Dimensions	1300-3-1	
Group 1		
– Attenuation	1300-3-4 (note 5)	.....
Group 2		
– Cold	1300-2-17	.....
– Dry heat	1300-2-18	
– Damp heat (steady-state)	1300-2-19	
Group 3		
– Change in temperature (test Na)	1300-2-22	.....
– Vibration	1300-2-1	
– Cable retention (note 3)	1300-2-4	
– Axial compression	1300-2-11	
– Torsion (note 3)	1300-2-5	
– Cold	1300-2-17	
Group 4 (note 4)		
– Change in temperature (test Na)	1300-2-22	.....
– Vibration	1300-2-1	
– Tensile strength of coupling	1300-2-6	
– Mating durability	1300-2-2	
– Cold	1300-2-17	
Group 5		
– Corrosive atmosphere (salt mist)	1300-2-26	.....
– Dust	1300-2-27	

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-1.

2 n = sample size.

3 Not required for bare fibre pigtails or compact fan-out configurations.

4 Not required for fan-out whose connectors/splices were already qualified.

5 IEC 1300-3-4 (under consideration).

6 Second figure in table number represents the corresponding environmental category.

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[12] **Table 1-5**

Fixed-sample inspection schedule for qualification approval

(notes 1 and 6)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	n (note 2)
Group 0		
– Visual examination	1300-3-1	.....
– Dimensions	1300-3-1	
Group 1		
– Attenuation	1300-3-4 (note 5)	.....
Group 2		
– Climatic Sequence	1300-2-20	.....
Group 3		
– Corrosive atmosphere (salt mist)	1300-2-26	.....
Group 4		
– Cable retention (note 3)	1300-2-4	.....
– Torsion (note 3)	1300-2-5	
Group 5		
– Mating durability (note 4)	1300-2-2	.....
Group 6		
– Vibration	1300-2-1	.....
Group 7		
– Tensile strength of coupling (note 4)	1300-2-6	.....

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-1.

2 n = sample size.

3 Not required for bare fibre pigtails or compact fan-out configurations.

4 Not required for fan-out whose connectors/splices were already qualified.

5 IEC 1300-3-4 (under consideration).

6 Second figure in table number represents the corresponding environmental category.

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[12] **Table 1-99**

Fixed sample inspection schedule for qualification approval

(notes 1 and 3)

Inspection sequence	Reference	n (note 2)
Group 0 – ..... –	.....	.....
Group 1 -	.....	.....
Etc.		

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-99.

2 n = sample size.

3 Second figure in table number represents the corresponding environmental category.

[13] **Tables 2-1, 2-2, 2-3**

Lot-by-lot quality conformance inspection schedule

Groups A and B – Common format

(notes 1 and 3)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level	.....
		IL (note 2)	AQL (note 2)
Group A – Visual examination – Dimensions	 1300-3-1 1300-3-1		 .....
Group B – No tests specified		.....	.....

NOTES

1 Unless indicated, the test details, measurements and performance requirements are given in table 4-1.

2 IL = Inspection level; AQL = Acceptable quality level.

3 Second figure in table number represents the corresponding environmental category.

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[13] **Table 2-5**

Lot-by-lot quality conformance inspection schedule

Groups A and B

(notes 1 and 4)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level ..... IL (note 2)	..... AQL (note 2)
Group A – Visual examination – Dimensions	 1300-3-1 1300-3-1		 ..... %
Group B – Cable retention (note 3) – Torsion (note 3)	 1300-2-4 1300-2-5		 ..... %

NOTES

1 Unless indicated, the test details, measurements and performance requirements are given in table 4-1.

2 IL = Inspection level; AQL = Acceptable quality level.

3 Not required for bare fibre pigtails or compact fan-out configurations.

4 Second figure in table number represents the corresponding environmental category.

[13] **Table 2-99**

Lot-by-lot quality conformance inspection schedule

Groups A and B

(notes 1 and 3)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level ..... IL (note 2)	..... AQL (note 2)
Group A – ..... –			 ..... %
Group B –			 ..... %

NOTES

1 Unless indicated, the test details, measurements and performance requirements are given in table 4-99.

2 IL = Inspection level; AQL = Acceptable quality level.

3 Second figure in table number represents the corresponding environmental category.

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[14] **Table 3-1**

Periodic quality conformance inspection schedule

Groups C and D

(notes 1 and 4)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level ..... n (note 2)	..... p (note 2)
Group C0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group C1			
– Attenuation	1300-3-4 (note 5)	.....	.....
Group C2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group D1			
– Attenuation	1300-3-4 (note 5)	.....	.....
– Return loss	1300-3-6 (note 6)		
Group D2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D3 (note 3)			
– Cable retention	1300-2-4	.....	.....
– Axial compression	1300-2-11		
– Torsion	1300-2-5		
Group D4			
– Tensile strength of coupling	1300-2-6	.....	.....
– Mating durability	1300-2-2		

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-1.

2 n = sample size; p = periodicity in months.

3 Not required for bare fibre pigtails or compact fan-out.

4 Second figure in table number represents the corresponding environmental category.

5 IEC 1300-3-4 (under consideration).

6 IEC 1300-3-6 (under consideration).

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[14] **Table 3-2**

Periodic quality conformance inspection schedule

Groups C and D

(notes 1 and 4)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level	.....
		n (note 2)	p (note 2)
Group C0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group C1			
– Attenuation	1300-3-4 (note 5)	.....	.....
Group C2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group D1			
– Attenuation	1300-3-4 (note 5)	.....	.....
Group D2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D3			
– Change in temperature (test Na)	1300-2-22	.....	.....
– Cable retention (note 3)	1300-2-4		
– Axial compression (note 3)	1300-2-11		
– Torsion (note 3)	1300-2-5		
– Cold	1300-1-17		
Group D4			
– Change in temperature (test Na)	1300-2-22	.....	.....
– Tensile strength of coupling	1300-2-6		
– Mating durability	1300-2-2		
– Cold	1300-2-17		

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-2.

2 n = sample size; p = periodicity in months.

3 Not required for bare fibre pigtails or compact fan-out.

4 Second figure in table number represents the corresponding environmental category.

5 IEC 1300-3-4 (under consideration).

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[14] **Table 3-3**

Periodic quality conformance inspection schedule

Groups C and D

(notes 1 and 4)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level	.....
		n (note 2)	p (note 2)
Group C0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group C1			
– Attenuation	1300-3-4 (note 5)	.....	.....
Group C2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D0			
– Visual examination	1300-3-1	.....	.....
– Dimensions	1300-3-1		
Group D1			
– Attenuation	1300-3-4 (note 5)	.....	.....
Group D2			
– Cold	1300-2-17	.....	.....
– Dry heat	1300-2-18		
– Damp heat (steady-state)	1300-2-19		
Group D3			
– Change in temperature (test Na)	1300-2-22	.....	.....
– Vibration	1300-2-1		
– Cable retention (note 3)	1300-2-4		
– Axial compression (note 3)	1300-2-11		
– Torsion (note 3)	1300-2-5		
– Cold	1300-1-17		
Group D4			
– Change in temperature (test Na)	1300-2-22	.....	.....
– Vibration	1300-2-1		
– Tensile strength of coupling	1300-2-6		
– Mating durability	1300-2-2		
– Cold	1300-2-17		
Group D5			
– Corrosive atmosphere (salt mist)	1300-2-26	.....	.....
– Dust	1300-2-27		

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-3.

2 n = sample size; p = periodicity in months.

3 Not required for bare fibre pigtails or compact fan-out.

4 Second figure in table number represents the corresponding environmental category.

5 IEC 1300-3-4 (under consideration).

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[14] **Table 3-5**

Periodic quality conformance inspection schedule

Groups C and D

(notes 1 and 3)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level	.....
		n (note 2)	p (note 2)
Group C0 – Visual examination – Dimensions	 1300-3-1 1300-3-1	.....	.....
Group C1 – Attenuation	 1300-3-4 (note 4)	.....	.....
Group C2 – Tensile strength of coupling	 1300-2-6	.....	.....
Group C3 – Vibration	 1300-2-1	.....	.....
Group D0 – Visual examination – Dimensions	 1300-3-1 1300-3-1	.....	.....
Group D1 – Mating durability	 1300-2-2	.....	.....
Group D2 – Climatic sequence	 1300-2-20	.....	.....
Group D3 – Corrosive atmosphere	 1300-2-26	.....	.....

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-3.

2 n = sample size; p = periodicity in months.

3 Second figure in table number represents the corresponding environmental category.

4 IEC 1300-3-4 (under consideration).

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[14] **Table 3-99**

Periodic quality conformance inspection schedule

Groups C and D

(notes 1 and 3)

Inspection sequence	IEC reference: Basic fibre optic test and measurement procedure	Assessment level	.....
		n (note 2)	p (note 2)
Group C0 – ..... –	....	....	
Group C1 –		....	
Etc.			
Group D0 – ..... –	....	....	
Etc.			

NOTES

1 Unless otherwise indicated, the test details, measurements and performance requirements are given in table 4-99.

2 n = sample size; p = periodicity in months.

3 Second figure in table number represents the corresponding environmental category.

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[15] **TABLES 4-1, 4-2, 4-3, 4-5, 4-99**

Details, measurements and performance requirements

(Common format)

(note)

..... [16]

Details

– ..... [17]

– .....

– .....

– .....

– .....

Requirements:

– ..... [18]

– .....

– .....

– .....

..... [19]

Details

– ..... [20]

– .....

– .....

– .....

– .....

Initial measurements and performance requirements: [21]

Measurements and performance requirements during test: [22]

Final measurements and performance requirements: [23]

NOTE – Second figure in the table number represents the corresponding environmental category.

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Nicht frankieren
Ne pas affranchir

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A Prioritaire

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SUISSE

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Switzerland

1.

No. of IEC standard:

.....

2.

Tell us why you have the standard. (check many as apply). I am:

- ☐ the buyer
- ☐ the user
- ☐ a librarian
- ☐ a researcher
- ☐ an engineer
- ☐ a safety expert
- ☐ involved in testing
- ☐ with a government agency
- ☐ in industry
- ☐ other.....

3.

This standard was purchased from?

.....

4.

This standard will be used (check as many as apply):

- ☐ for reference
- ☐ in a standards library
- ☐ to develop a new product
- ☐ to write specifications
- ☐ to use in a tender
- ☐ for educational purposes
- ☐ for a lawsuit
- ☐ for quality assessment
- ☐ for certification
- ☐ for general information
- ☐ for design purposes
- ☐ for testing
- ☐ other.....

5.

This standard will be used in conjunction with (check as many as apply):

- ☐ IEC
- ☐ ISO
- ☐ corporate
- ☐ other (published by.....)
- ☐ other (published by.....)
- ☐ other (published by.....)

6.

This standard meets my needs (check one)

- ☐ not at all
- ☐ almost
- ☐ fairly well
- ☐ exactly

7.

Please rate the standard in the following areas as (1) bad, (2) below average, (3) average, (4) above average, (5) exceptional, (0) not applicable:

- ☐ clearly written
- ☐ logically arranged
- ☐ information given by tables
- ☐ illustrations
- ☐ technical information

8.

I would like to know how I can legally reproduce this standard for:

- ☐ internal use
- ☐ sales information
- ☐ product demonstration
- ☐ other.....

9.

In what medium of standard does your organization maintain most of its standards (check one):

- ☐ paper
- ☐ microfilm/microfiche
- ☐ mag tapes
- ☐ CD-ROM
- ☐ floppy disk
- ☐ on line

9A.

If your organization currently maintains part or all of its standards collection in electronic media please indicate the format(s):

- ☐ raster image
- ☐ full text

10.

In what medium does your organization intend to maintain its standards collection in the future (check all that apply):

- ☐ paper
- ☐ microfilm/microfiche
- ☐ mag tape
- ☐ CD-ROM
- ☐ floppy disk
- ☐ on line

10A.

For electronic media which format will be chosen (check one)

- ☐ raster image
- ☐ full text

11.

My organization is in the following sector (e.g. engineering, manufacturing)

.....

12.

Does your organization have a standards library:

- ☐ yes
- ☐ no

13.

If you said yes to 12 then how many volumes:

.....

14.

Which standards organizations published the standards in your library (e.g. ISO, DIN, ANSI, BSI, etc.):

.....

15.

My organization supports the standards-making process (check as many as apply):

- ☐ buying standards
- ☐ using standards
- ☐ membership in standards organization
- ☐ serving on standards development committee
- ☐ other.....

16.

My organization uses (check one)

- ☐ French text only
- ☐ English text only
- ☐ Both English/French text

17.

Other comments:

.....

.....

.....

.....

.....

.....

18.

Please give us information about you and your company

name: .....

job title:.....

company: .....

address:.....

.....

.....

.....

No. employees at your location:.....

turnover/sales:.....

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