
Irish Standard
I.S. EN 61754-20-100:2012

# Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces -- Part 20-100: Interface standard for LC connectors with protective housings related to IEC 61076-3-106 (IEC 61754-20-100:2012 (EQV))

# I.S. EN 61754-20-100:2012

*Incorporating amendments/corrigenda issued since publication:*

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EUROPEAN STANDARD

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# EN 61754-20-100

August 2012

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English version

# Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 20-100: Interface standard for LC connectors with protective housings related to IEC 61076-3-106

(IEC 61754-20-100:2012)

Dispositifs d'interconnexion et composants passifs à fibres optiques - Interfaces de connecteurs pour fibres optiques - Partie 20-100: Norme d'interface pour les connecteurs de type LC avec boitiers de protection liés à la norme CEI 61076-3-106
(CEI 61754-20-100:2012)

Lichtwellenleiter-Verbindungselemente und passive Bauteile - Steckgesichter von Lichtwellenleiter-Steckverbindern - Teil 20-100: Steckverbinderfamilie der Bauart LC mit Schutzgehäusen nach IEC 61076-3-106
(IEC 61754-20-100:2012)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**



Ref. No. EN 61754-20-100:2012 E

## Foreword

The text of document 86B/3386/FDIS, future edition 1 of IEC 61754-20-100, prepared by IEC/SC 86B "Fibre optic interconnecting devices and passive components" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61754-20-100:2012.

The following dates are fixed:

| | | |
|---|---|---|
| • latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2013-03-27 |
| • latest date by which the national standards conflicting with the document have to be withdrawn | (dow) | 2015-06-27 |

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

## Endorsement notice

The text of the International Standard IEC 61754-20-100:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

| | | |
|---|---|---|
| IEC 61754-1 | NOTE | Harmonised as EN 61754-1. |

# Annex ZA
(normative)

## Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| IEC 60050-581 | - | International Electrotechnical Vocabulary (IEV) - Part 581: Electromechanical components for electronic equipment | - | - |
| IEC 60050-731 | - | International Electrotechnical Vocabulary (IEV) - Chapter 731: Optical fibre communication | - | - |
| IEC 60529 | - | Degrees of protection provided by enclosures (IP Code) | EN 60529 | - |
| IEC 61076-3-106 | 2006 | Connectors for electronic equipment - Product requirements - Part 3-106: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface | EN 61076-3-106 | 2006 |
| IEC 61754-20 | 2002 | Fibre optic connector interfaces - Part 20: Type LC connector family | EN 61754-20 | 2002 |

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

# FIBRE OPTIC INTERCONNECTING DEVICES AND PASSIVE COMPONENTS – FIBRE OPTIC CONNECTOR INTERFACES –

## Part 20-100: Interface standard for LC connectors with protective housings related to IEC 61076-3-106

## FOREWORD

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International Standard IEC 61754-20-100 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/3386/FDIS | 86B/3434/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 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.

A bilingual version of this publication may be issued at a later date.