BRITISH STANDARD

BS EN 62148-7:2003

Fibre optic active components and devices — Package and interface standards —

Part 7: SFF LC 10-pin transceivers

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ICS 33.180.01

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National foreword

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The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/3, Fibre optic systems and active devices, which has the responsibility to:

— aid enquirers to understand the text;

— present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;

— monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled "International Standards Correspondence Index", or by using the "Search" facility of the *BSI Electronic Catalogue* or of British Standards Online.

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English version

Fibre optic active components and devices - Package and interface standards Part 7: SFF LC 10-pin transceivers

(IEC 62148-7:2003)

Composants et dispositifs actifs en fibres optiques - Normes de boîtier et d'interface Partie 7: Emetteurs-récepteurs SFF LC à 10 broches (CEI 62148-7:2003)

Aktive Lichtwellenleiterbauelemente und -geräte - Gehäuse- und Schnittstellennormen Teil 7: Sende- und Empfangsmodule des Typs SFF LC mit 10 Anschlüssen (IEC 62148-7:2003)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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.

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CENELEC

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

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Foreword

The text of document 86C/490/FDIS, future edition 1 of IEC 62148-7, prepared by SC 86C, Fibre optic systems and active devices, of IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62148-7 on 2003-03-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2003-12-01

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2006-03-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

This standard constitutes Part 7 of the EN 62148 series, published under the general title *Fibre optic active components and devices - Package and interface standards*. This series consists of Part 1, devoted to general requirements, and various parts specific to individual module families.

Part 1: General and guidance
Part 2: SFF MT-RJ 10-pin transceivers
Part 3: SFF MT-RJ 20-pin transceivers
Part 4: PN 1x9 plastic optical fibre transceivers
Part 5: SC 1x9 fibre optic modules
Part 6: ATM-PON transceivers
Part 7: SFF LC 10-pin transceivers
Part 8: SFF LC 20-pin transceivers
Part 9: SFF MU duplex 10-pin transceivers
Part 10: SFF MU duplex 20-pin transceivers
Part 11: 14-pin modulator-integrated laser diode modules

Endorsement notice

The text of the International Standard IEC 62148-7:2003 was approved by CENELEC as a European Standard without any modification.

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