

INTERNATIONAL STANDARD

AMENDMENT 1

Information technology – Fibre channel –
Part 116: 10 Gigabit Fibre Channel (10GFC)

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14165-116:2005/AMD1:2009



THIS PUBLICATION IS COPYRIGHT PROTECTED
Copyright © 2009 ISO/IEC, Geneva, Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either IEC or IEC's member National Committee in the country of the requester.

If you have any questions about ISO/IEC copyright or have an enquiry about obtaining additional rights to this publication, please contact the address below or your local IEC member National Committee for further information.

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

About the IEC

The International Electrotechnical Commission (IEC) is the leading global organization that prepares and publishes International Standards for all electrical, electronic and related technologies.

About IEC publications

The technical content of IEC publications is kept under constant review by the IEC. Please make sure that you have the latest edition, a corrigenda or an amendment might have been published.

- Catalogue of IEC publications: www.iec.ch/searchpub

The IEC on-line Catalogue enables you to search by a variety of criteria (reference number, text, technical committee,...). It also gives information on projects, withdrawn and replaced publications.

- IEC Just Published: www.iec.ch/online_news/justpub

Stay up to date on all new IEC publications. Just Published details twice a month all new publications released. Available on-line and also by email.

- Electropedia: www.electropedia.org

The world's leading online dictionary of electronic and electrical terms containing more than 20 000 terms and definitions in English and French, with equivalent terms in additional languages. Also known as the International Electrotechnical Vocabulary online.

- Customer Service Centre: www.iec.ch/webstore/custserv

If you wish to give us your feedback on this publication or need further assistance, please visit the Customer Service Centre FAQ or contact us:

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

STANDARDSISO.COM :: Click to view the full PDF of ISO/IEC 14165-1:2005/AMD1:2009



ISO/IEC 14165-116

Edition 1.0 2009-01

INTERNATIONAL STANDARD

AMENDMENT 1

Information technology – Fibre channel –
Part 116: 10 Gigabit Fibre Channel (10GFC)

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14165-116:2005/AMD1:2009

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

A

ICS 35.200

ISBN 978-2-88910-821-3

FOREWORD

Amendment 1 to International Standard ISO/IEC 14165-116 was prepared by subcommittee 25: Interconnection of information technology equipment, of ISO/IEC joint technical committee 1: Information technology.

This International Standard has been approved by vote of the member bodies, and the voting results may be obtained from the address given on the second title page.

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

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14165-116:2005/AMD1:2009

INTRODUCTION to the Amendment 1

This amendment to ISO/IEC 14165-116:2005 (Fibre Channel - 10 Gigabit Fibre Channel) corrects the definition of the clock synchronization primitives (Clock Synchronization Word X, Clock Synchronization Word Y, and Clock Synchronization Word Z) to comply with ISO/IEC 14165-252 (Fibre Channel - Framing and Signaling-2).

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 14165-116:2005/AMD1:2009

2 Normative references

Add the following reference:

ISO/IEC 14165-252, *Fibre Channel - Framing and Signaling (FC-FS-2)*
(under consideration) currently [ANSI/INCITS 424-2006]

3.1 Definitions

Add the following new definitions:

3.1.2

Ordered Set

Transmission Word composed of a special character in its first (left-most) position and data characters in its remaining positions, see FC-FS-2

3.1.3

Primitive Signal

Ordered Set designated to have a special meaning (e.g., an Idle or R_RDY), see FC-FS-2

Table 22 – Primitive signals (standard)

Replace last three lines with the following.

SYNx SYNx_X	Clock Synchronization Word X	FC-FS-2	K28.5 - D31.3 - CS_X1- CS_X2
		10GFC	K28.2 - D31.3 - CS_X1- CS_X2
SYNy SYNy_X	Clock Synchronization Word Y	FC-FS-2	K28.5 - D31.5 - CS_Y1- CS_Y2
		10GFC	K28.2 - D31.5 - CS_Y1- CS_Y2
SYNz SYNz_X	Clock Synchronization Word Z	FC-FS-2	K28.5 - D31.6 - CS_Z1 - CS_Z2
		10GFC	K28.2 - D31.6 - CS_Z1- CS_Z2