



INTERNATIONAL STANDARD

**Information technology – Fibre channel –
Part 133: Fibre channel switch fabric-3 (FC-SW-3)**





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Edition 1.0 2010-02

INTERNATIONAL STANDARD

**Information technology – Fibre channel –
Part 133: Fibre channel switch fabric-3 (FC-SW-3)**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

XD

ICS 35.200

ISBN 2-8318-1076-7

This is a preview of "ISO/IEC 14165-133:20...". [Click here to purchase the full version from the ANSI store.](#)

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FIBRE CHANNEL –

Part 133: Fibre Channel Switch Fabric-3 (FC-SW-3)

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This International Standard describes the requirements for an interconnecting Fabric consisting of multiple Fabric Switch elements to support the ISO/IEC Fibre Channel - Framing and Signaling (FC-FS) and ISO/IEC Fibre Channel - Physical Interface (FC-PI) standards.

FC-SW-3 is one of the Fibre Channel family of standards. ISO/IEC FC-GS-4, is a standard related to Generic Fabric Services and is closely tied to FC-SW-3. ISO/IEC FC-BB-2 describes how Fabrics are extended over transports complementary to Fibre Channel. ANSI/INCITS FC-MI-2 and ANSI/INCITS FC-DA describe interoperability profiles that assists in the interoperability of Switches. ISO/IEC FC-AL-2 specifies the arbitrated loop topology. ISO/IEC FC-SP describes the Security requirements and protocols associated with Fibre Channel networks.

FC-SW-3 describes how switches communicate and interact with one another to form a Fabric of switches. Included are Fabric initialization and configuration, routing, server communication, event distribution and repository exchanges (e.g., zoning information).

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