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SERIES I: INTEGRATED SERVICES DIGITAL
NETWORK

ISDN user-network interfaces – Aspects of ISDN affecting
terminal requirements

**1+1 protection switching for cell-based physical
layer**

ITU-T Recommendation I.480

(Formerly CCITT Recommendation)



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1+1 protection switching for cell-based physical layer

Summary

This ITU-T Recommendation, "1+1 protection switching for cell-based Physical Layer", provides architecture and mechanisms for 1+1 protection at the Physical Layer for ATM cell-based transmission systems.

This ITU-T Recommendation defines the transmitter and receiver operation, the synchronization and switching process. It is based on the mechanisms described in ITU-T Recommendation I.432.2 for ATM cell-based transmission systems.

It provides hitless protection switching at the Physical Layer between two sources and sinks of F3 OAM flows.

Source

ITU-T Recommendation I.480 was prepared by ITU-T Study Group 13 (1997-2000) and approved under the WTSC Resolution 1 procedure on 10 March 2000.

FOREWORD

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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