

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Dynamic modules –  
Part 3-3: Performance specification templates – Wavelength selective switches**

**Modules dynamiques –  
Partie 3-3: Modèles de spécification de performance – Commutateurs sélectifs  
en longueur d'onde**



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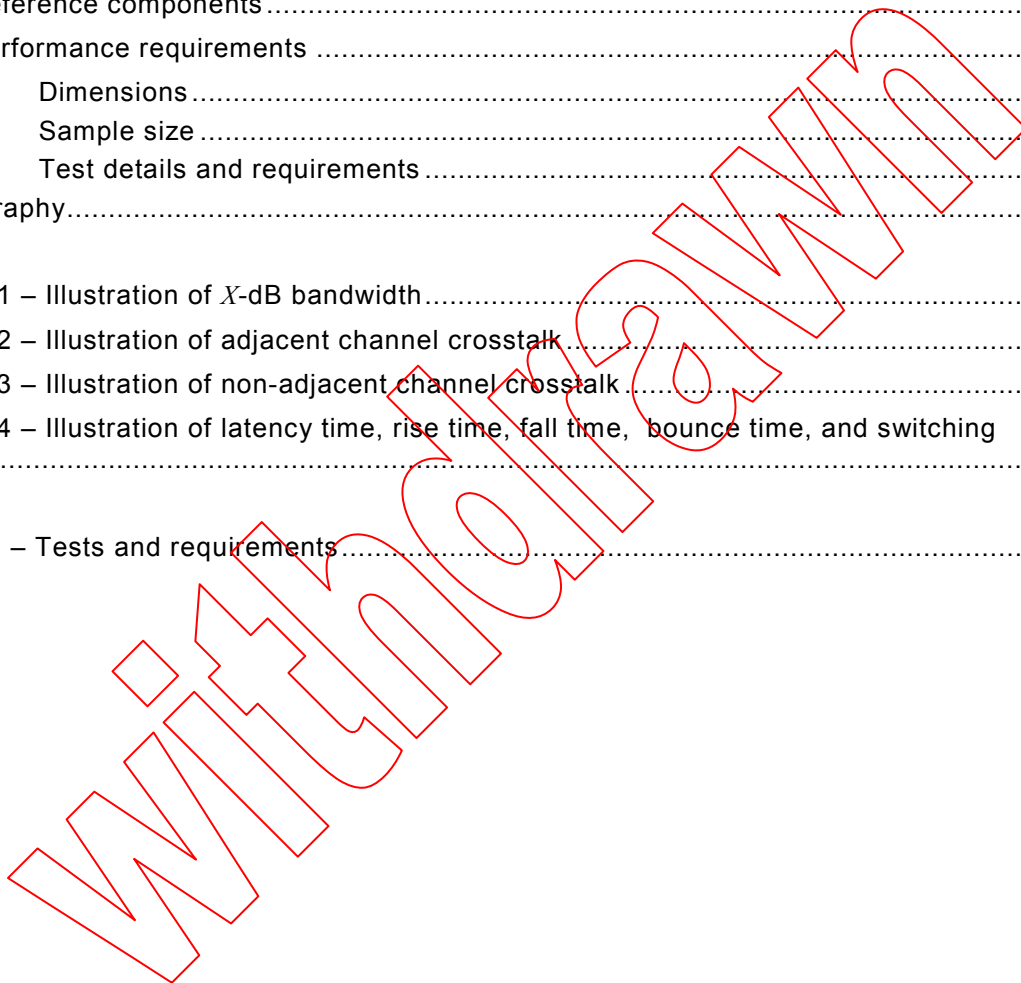
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## DYNAMIC MODULES –

Part 3-3: Performance specification templates –  
Wavelength selective switches

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International Standard IEC 62343-3-3 has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

The text of this standard is based on the following documents:

CDV	Report on voting
86C/1156/CDV	86C/1214/RVC

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.

A list of all parts in the IEC 62343 series, published under the general title *Dynamic modules*, can be found on the IEC website.

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- withdrawn,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.

Withdrawn

## INTRODUCTION

A wavelength selective switch (WSS) is a dynamic module (DM), which is mainly used in a reconfigurable optical add-drop multiplexer (ROADM) system to switch a particular wavelength signal to any output ports in DWDM networks. The WSS module has one input port and a plurality of output ports (i.e.  $1 \times N$  WSS) and can be used in reverse, with  $N$  input ports and one output port, depending on its application. It is controlled with software, which determines any wavelength signal among a DWDM signal from one input port to switch to a particular output port in case of  $1 \times N$  application.

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