

TECHNICAL REPORT

**Dynamic modules –
Part 6-6: Design guide – Failure mode effect analysis for optical units of dynamic
modules**





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

DYNAMIC MODULES –

**Part 6-6: Design guide – Failure mode effect analysis
for optical units of dynamic modules**

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IEC 62343-6-6, which is a Technical Report, has been prepared by subcommittee 86C: Fibre optic systems and active devices, of IEC technical committee 86: Fibre optics.

This second edition cancels and replaces the first edition published in 2011. It constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of the LCOS based and the DLP based wavelength selective switch (WSS);

b) addition of the multicast optical switch module (MCOS).

The text of this technical report is based on the following documents:

DTR	Report on voting
86C/1396/DTR	86C/1421/RVC

Full information on the voting for the approval of this technical report 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- withdrawn,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.

A bilingual version of this publication may be issued at a later date.