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Investigation on reliability requirements for dynamic modules for telecom use

Summary

IEC 62343-2 provides the minimum list of reliability qualification tests for dynamic modules, and also includes the list of informative reliability test items and conditions in the annex. Dynamic modules are relatively new products compared to active and passive optical components, and thus questionnaire survey was conducted to study the reliability requirements for dynamic modules in current market transaction between the suppliers and equipment manufacturers. The survey results are shown and the recommended conditions for dynamic modules are proposed.