AS/NZS 1660.5.1:1998
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

Test methods for electric cables, cords and conductors

Method 5.1: Fire tests— Tests on bunched cables

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/3, Electric Wires and Cables. It was approved on behalf of the Council of Standards Australia on 22 October 1997 and on behalf of the Council of Standards New Zealand on 3 October 1997. It was published on 5 January 1998.

The following interests are represented on Committee EL/3:

Australian Electrical and Electronic Manufacturers Association
Australian Railways Association
Department of Defence, Australia
Electrical regulatory authorities
Electricity Supply Association of Australia
Institution of Engineers, Australia
Ministry of Commerce, New Zealand
New Zealand Electrical Contractors Association
New Zealand Electrical and Electronic Manufacturers Federation
Office of Energy, N.S.W.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/3, Electric Wires and Cables, to supersede AS 1660.5.1—1993. It is one of a set of fire tests for electric cables included in the AS/NZS 1660 series. Details of the series are given in Appendix B.

This Standard incorporates Amendment No. 1 (February 2001). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

The objective of this Standard is to set out a method of test that will define the ability of bunched cables to restrain flame propagation in defined conditions.

This Standard differs from the 1993 edition as follows:

(a) It has been changed from an adopted Standard to an Australian/New Zealand text Standard.

(b) This edition is published as a Joint Australian/New Zealand Standard.

In the preparation of this Standard, reference was made to IEC Technical Report 332-3:1992, *Tests on electric cables under fire conditions*, Part 3: *Tests on bunched wires or cables*. Acknowledgment is made for the assistance received from this source.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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