

AS/NZS 3080:2013

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Australian/New Zealand Standard™

**Information technology—Generic
cabling for customer premises
(ISO/IEC 11801:2011, MOD)**



AS/NZS 3080:2013

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CT-001, Communications Cabling. It was approved on behalf of the Council of Standards Australia on 9 May 2013 and on behalf of the Council of Standards New Zealand on 13 May 2013.

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The following are represented on Committee CT-001:

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Australian Communications and Media Authority
Australian Industry Group
Australian Information Industry Association
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This Standard was issued in draft form for comment as DR AS/NZS 3080.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CT-001, Communications Cabling, to supersede AS/NZS 3080:2003, *Telecommunications installations—Generic cabling for commercial premises (ISO/IEC 11801:2002, MOD)*.

The objective of this Standard is to provide building owners, managers, architects, designers, manufacturers, installers, maintainers and users, with requirements to ensure compatibility with equipment and services and to ensure performance of infrastructure to meet present and foreseeable future requirements.

This Standard applies to the use of generic cabling within commercial premises, which may comprise single buildings or multiple buildings on a campus.

The application of this Standard should lead to the installation of cabling systems that satisfy user requirements and provide a useful life of at least 10 years.

This Standard is an adoption with national modifications and has been reproduced from ISO/IEC 11801:2011, *Information technology—Generic cabling for customer premises* and has been varied to take account of Australian/New Zealand conditions. Appendix ZA and Appendix ZB have been added to the source text as set out below.

Appendix ZA provides additional normative requirements and clarifications on ISO/IEC 11801:2011 for Australia and New Zealand.

Appendix ZB provides additional information and guidance for Australian and New Zealand users.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text ‘this International Standard’ should read ‘this Australian/New Zealand Standard’.
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| <i>Reference to International Standard</i> | | <i>Australian/New Zealand Standard</i> | |
|--|---|--|--|
| ISO/IEC | | AS/NZS | ISO/IEC |
| 14763 | Information technology— Implementation and operation of customer premises cabling | 14763 | Telecommunications installations— Implementation and operation of customer premises cabling |
| 14763-3 | Part 3: Testing of optical fibre cabling | 14763.3 | Part 3: Testing of optical fibre cabling (ISO/IEC 14763-3:2011, MOD) |
| 15018 | Information technology—Generic cabling for homes | 15018 | Information technology—Generic cabling for homes |
| ISO/IEC | | AS/NZS | |
| 18010 | Information technology—Pathways and spaces for customer premises cabling | 3084 | Telecommunications installations— Telecommunications pathways and spaces for commercial buildings (ISO/IEC 18010:2002, MOD) |

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|----------|--|------------|--|
| IEC | | AS/NZS IEC | |
| 60825 | Safety of laser products | 60825 | Safety of laser products |
| 60825-1 | Part 1: Equipment classification and requirements | 60825.1 | Part 1: Equipment classification and requirements |
| 60825-2 | Part 2: Safety of optical fibre communication systems (OFCS) | 60825.2 | Part 2: Safety of optical fibre communication systems (OFCS) |
| IEC TR | | | |
| 60825-14 | Part 14: A user's guide | 60825.14 | Part 14: A user's guide |
| IEC | | | |
| 61935 | Specification for the testing of balanced communication cabling in accordance with ISO/IEC 11801 | 61935 | Specification for the testing of balanced and coaxial information technology cabling |
| 61935-1 | Installed cabling | 61935.1 | Part 1: Installed balanced cabling as specified in ISO/IEC 11801 and related standards (IEC 61935-1, Ed.3.0 (2009) MOD) |

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex or appendix to which they apply. A 'normative' annex or appendix is an integral part of a Standard, whereas an 'informative' annex or appendix is only for information and guidance.

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