

Australian/New Zealand Standard™

**Information technology —  
Implementation and operation of  
customer premises cabling**

**Part 2: Planning and installation  
(ISO/IEC 14763-2 (ED. 2.0) MOD)**



AS/NZS 14763.2:2020

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 15 June 2020 and by the New Zealand Standards Approval Board on 3 June 2020.

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The following are represented on Committee CT-001:

- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions
- Australian Digital and Telecommunications Industry Association
- Australian Industry Group
- Australian Information Industry Association
- BICSI South Pacific, Australia
- BICSI South Pacific, New Zealand
- Energy Networks Australia
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- KNX National Group
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## Preface

This document was prepared by the Joint Standards Australia/Standards New Zealand Committee CT-001 Communications Cabling, to supersede AS/NZS ISO/IEC 14763.2:2014, *Information technology — Implementation and operation of customer premises cabling, Part 2: Planning and installation*.

The objective of this document is to specify requirements for the planning, installation and operation of telecommunications cabling and cabling infrastructures including cabling, pathways, spaces and telecommunications bonds (other than that specified in AS 30129) in support of generic cabling standards and associated documents.

The following aspects are addressed:

- (a) Specification of the installation.
- (b) Quality assurance.
- (c) Installation planning.
- (d) Installation practice.
- (e) Documentation.
- (f) Administration.
- (g) Testing.
- (h) Inspection.
- (i) Operation.
- (j) Maintenance.
- (k) Repair.

This document describes the methodology for the assessment of spaces, pathways, pathway systems and cabling (either installed or planned) in support of remote powering objectives.

This document is applicable to certain hazardous environments but does not exclude additional requirements which are applicable in particular circumstances, e.g. electricity supply and electrified railways.

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

- (i) Inclusion of planning and installation practices to support remote powering over the telecommunications cabling infrastructure.
- (ii) Inclusion of planning and installation practices outside buildings.

This document excludes specific requirements applicable to other cabling systems (e.g. power supply cabling), however, it takes account of the effects other cabling systems may have on the installation of telecommunications cabling (and vice versa) and gives general advice.

This document excludes those aspects of installation associated with the transmission of signals in free space between transmitters, receivers or their associated antenna systems, e.g. wireless, radio, microwave or satellite.

Safety and electromagnetic compatibility (EMC) requirements are outside the scope of this document and are covered by other standards and regulations. However, information given in this document can be of assistance in meeting these standards and regulations.

This document is an adoption with national modifications, and has been reproduced from, ISO/IEC 14763-2:2019, *Information technology — Implementation and operation of customer premises cabling — Part 2: Planning and installation*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to ISO/IEC 14763-2:2019 for the application of this in Australia and New Zealand.

As this document has been reproduced from an International Standard, the following applies:

- (A) In the source text “this part of ISO/IEC 14763” should read “this Australian/New Zealand Standard”.
- (B) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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