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STANDARDS Australia

AS/NZS ISO/IEC 24702:2007
(Incorporating Amendment No. 1)

Telecommunications installations — Generic cabling — Industrial premises

STANDARD

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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 10 April 2007 and on behalf of the Council of Standards New Zealand on 20 April 2007.

This Standard was published on 15 May 2007.

The following are represented on Committee CT-001:

Australian Chamber of Commerce and Industry
Australian Communications and Media Authority
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
BICSI
Communications Alliance
Electrical Compliance Testing Association
Energy Networks Association
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Telecommunications installations — Generic cabling—Industrial premises

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CT-001, Communications Cabling.

This Standard incorporates Amendment No. 1 (January 2012). 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.

This Standard is identical with, and has been reproduced from ISO/IEC 24702:2006,
A1 *Information technology—Generic cabling—Industrial premises* and Amendment 1 (2009), which is added at the end of the source text.

The objective of this Standard is to specify generic cabling that supports a wide range of communications services including automation, process control and monitoring applications for use within industrial premises or industrial areas within other types of premises comprising single or multiple buildings on a campus.

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'.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
ISO/IEC		AS/NZS	
11801	Information technology—Generic cabling for customer premises	3080	Telecommunications installations—Generic cabling for commercial premises (ISO/IEC 11801:2002, MOD)
18010	Information technology—Pathways and spaces for commercial premises cabling	3084	Telecommunications installations—Telecommunications pathways and spaces for commercial buildings (ISO/IEC 11801:2002, MOD)
IEC		AS	
60529	Degrees of protection provided by enclosures (IP Code)	60529	Degrees of protection provided by enclosures (IP Code)
		AS/IEC	
61131	Programmable controllers	61131	Programmable controllers
61131-2	Part 2: Equipment requirements and tests	61131.2	Part 2: Equipment requirements and tests
		AS/NZS IEC	
61935	Testing of balanced communication cabling in accordance with ISO/IEC 11801	61935	Testing of balanced communication cabling in accordance with ISO/IEC 11801
61935-1	Part 1: Installed cabling	61935.1	Part 1: Installed cabling
61935-2	Part 2: Patch cords and work area cords	61935.2	Part 2: Patch cords and work area cords

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

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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