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AS/NZS 1125:2001 Conductors in insulated electric cables and flexible cords

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Abbreviation

AS/NZS 1125:2001

Amendment

AS/NZS 1125:2001 A1 . - incorporated. Published 22/08/2004.

Valid from

28/06/2001

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

Description

This Standard specifies the requirements for conductors in insulated electric cables and flexible cords used for general wiring cables for land installations and, in the case of copper conductors only, for ships' wiring.

The Standard does not apply to material used for the manufacture of conductors.

Scope

This Standard applies particularly to conductors for those types of cable and flexible cord to which the relevant Australian or Australian/New Zealand Standard makes cross-reference. This Standard is not necessarily limited to conductors of such cables and cords and should be applied, wherever practicable, to cables designed for general and special purposes.

The conductors specified here do not apply to the following:

- (a) Magnet winding wire including litz wire (see AS/NZS 1194.1).
- (b) Mineral-insulated metal-sheathed (MIMS) cables (see AS/NZS 3187).
- (c) Cables intended for use at audio or higher frequencies, e.g. telecommunication cables.
- (d) Welding cables (see AS/NZS 1995)

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- [AS/NZS 5000.1:2005](#)

AS/NZS 1125:2001 is cited by AS/NZS 5000.1:2005 Electric cables - Polymeric insulated - For working voltages up to and including 0.6/1 (1.2) kV

- [AS/NZS 5000.2:2006](#)

AS/NZS 1125:2001 is cited by AS/NZS 5000.2:2006 Electric cables - Polymeric insulated - For working voltages up to and including 450/750 V

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Appendix A – Method Of Calculation Of Conductor Maximum Resistance

A1 General

A2 Method Of Calculation Of Conductor Maximum

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