

Australian Standard™

**Telecommunication cables—Insulation,  
sheath and jacket**

This Australian Standard was prepared by Committee CT-001, Communications Cabling. It was approved on behalf of the Council of Standards Australia on 14 November 2002 and published on 16 May 2003.

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Australian Standard™

**Telecommunication cables—Insulation,  
sheath and jacket**

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## PREFACE

This Standard was prepared by the Standards Australia Committee CT-001, Communications Cabling, to supersede AS 1049—2000. In the course of preparation, this Standard has incorporated relevant material from UL 444, *Standard for Safety for Communications Cables*.

The objective of this Standard is to provide polymer manufacturers, telecommunication cable manufacturers and end users with requirements and test methods for plastics used in telecommunication cables insulation, sheathing and jackets in order to maintain quality control and acceptance levels at the various stages of manufacture.

The objective of this revision is to incorporate requirements for additional materials used for insulation, sheaths and jackets.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance. Thirty six test methods are set out in normative appendices.

Statements expressed in mandatory terms in footnotes and notes to tables are deemed to be requirements of this Standard.

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