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AS/NZS 3086:1996

Australian/New Zealand Standard®

Telecommunications installations—Integrated telecommunications cabling systems for small office/home office premises

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee IT/17, Integrated Cabling Systems for Buildings. It was approved on behalf of the Council of Standards Australia on 28 June 1996 and on behalf of the Council of Standards New Zealand on 20 June 1996. It was published on 5 September 1996.

The following interests are represented on Committee IT/17:

AT&T New Zealand
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Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Australian Telecommunications Users Group
BICSI Australia
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Equipment manufacturers

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This Standard was issued in draft form for comment as DR 94363.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT/17, Integrated Cabling Systems for Buildings.

The Standard is based on EIA/TIA-570 (1991), *Residential and Light Commercial Telecommunications Wiring Standard*, with significant changes.

The objective of this Standard is to provide telecommunications carriers, equipment designers and manufacturers, owners of premises and individuals or companies involved with the sale, installation and maintenance of telecommunications infrastructure and services, with a document that will advise on components and practices which will result in acceptable and compatible telecommunications facilities for 'small office/home office (SOHO)' scenarios in domestic/residential and light commercial premises, within the scope of this Standard.

The Standard describes a premises cabling system intended for connecting one to four exchange lines to various types of customer equipment at various locations within single premises or, for multi-occupancy buildings, within each occupant's part of the premises. It specifies physical interfaces, connecting techniques, and installation methods for telecommunications cabling of individual buildings. Some requirements, especially on cable and cabling topology, are new to the industry but are included in anticipation of new telecommunications services.

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