

AS 3084—1993

Australian Standard[®]

**Telecommunications installations—
Telecommunications pathways and
spaces for commercial buildings**

This Australian Standard was prepared by Committee IT/17, Integrated Cabling Systems for Buildings. It was approved on behalf of the Council of Standards Australia on 23 July 1993 and published on 13 September 1993.

The following interests are represented on Committee IT/17:

AUSTEL

Australian Electrical and Electronic Manufacturers Association

Australian Information Industry Association

Australian Telecommunications Users Group

Building Owners and Managers Association of Australia

Department of Defence

Electricity Supply Association of Australia

Institution of Radio and Electronics Engineers Australia

International Facility Management Association

National Electrical Contractors Association

Optus Communications

Telstra Corporation

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Equipment manufacturers

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PREFACE

This Standard was prepared by the Standards Australia Committee for Integrated Cabling Systems for Buildings, and is based on EIA/TIA 569, *Commercial Building Standard for Telecommunications Pathways and Spaces* but takes account of current practices in Australia. The USA Standard was developed with the support of the American Institute of Architects and the Construction Specifications Institute, since it highly influences both the design and construction of commercial buildings, where various building components are to be structured into facilities which are responsive to telecommunications needs.

It should be noted that this Standard has a special relationship to AS 3080, *Telecommunications installations—Integrated communications cabling systems for commercial premises*. It recognizes that both building wiring and architectural provisions of the building into which such wiring systems are installed need to be standardized.

Standards Australia intends to promulgate Standards covering building wiring systems in the residential and light commercial building environments and also administrative management of cabling systems.

A useful supplement to this Standard is the AUSTEL *Customer Premises Cabling Manual* which details mandatory practices for cabling in Australia, particularly where installations are to be connected to telecommunications carrier networks.

AS 3000, *Electrical installations—Buildings, structures and premises (known as the SAA Wiring Rules)* contains general requirements for cabling pathways within buildings. AUSTEL Technical Standards TS 008, *Requirements for Authorised Cabling Products*, TS 009, *Installation Requirements for Customer Cabling (Wiring Rules)* may also be applicable.

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