

Australian/New Zealand Standard™

**Coaxial cable systems for the
distribution of analogue television
and sound signals in single and multiple
unit installations**

AS/NZS 1367:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CT/2, Broadcasting and Related Services. It was approved on behalf of the Council of Standards Australia on 16 November 1999 and on behalf of the Council of Standards New Zealand on 13 December 1999. It was published on 5 January 2000.

The following interests are represented on Committee CT/2:

Australian Broadcasting Authority
Australian Caption Centre
Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Australian Subscription Television and Radio Association
Community Broadcasting Association of Australia,
Consumer Electronics Suppliers Association, Australia
Department of Communications and the Arts, Australia
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Electronic Services Industry Association, Australia
Federation of Australian Commercial TV Stations
Ministry of Commerce New Zealand
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Optus Communications
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Australian/New Zealand StandardTM

**Coaxial cable systems for the
distribution of analogue television
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unit installations**

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CT/2, Broadcasting and Related Services, to supersede AS 1367—1985, *Multiple outlet distribution systems—Sound and vision*.

The objective of this Standard is to provide manufacturers and installers with specifications and requirements for the cabling of premises for distribution of analogue broadband interactive services such as free to air TV, subscription or pay TV, or in-house video systems.

This Standard specifies equipment and system performance, and outlines appropriate methods of measurement for determining equipment performance.

The objective of this Standard is to provide building owners, managers, architects, designers, manufacturers, installers, maintainers, service providers and users with requirements to meet user and service provider expectations, including performance criteria, for existing and foreseeable future services.

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.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard

Coaxial cable systems for the distribution of analogue television and sound signals in single and multiple unit installations

SECTION 1 INTRODUCTION

1.1 SCOPE AND PURPOSE

1.1.1 Scope

This Standard sets out the performance specifications and electrical safety requirements for the coaxial cable infrastructure comprising, coaxial cable, passive and active devices, installed in single and multiple unit premises to enable the high quality distribution of television and sound signals. It provides system performance requirements and apportions the performance attributable to the cable infrastructure from the point of the premises cabling interface (PCI) to the system outlet (wallplate). (See Figures 1.1, 1.2, 1.3 and 1.4.)

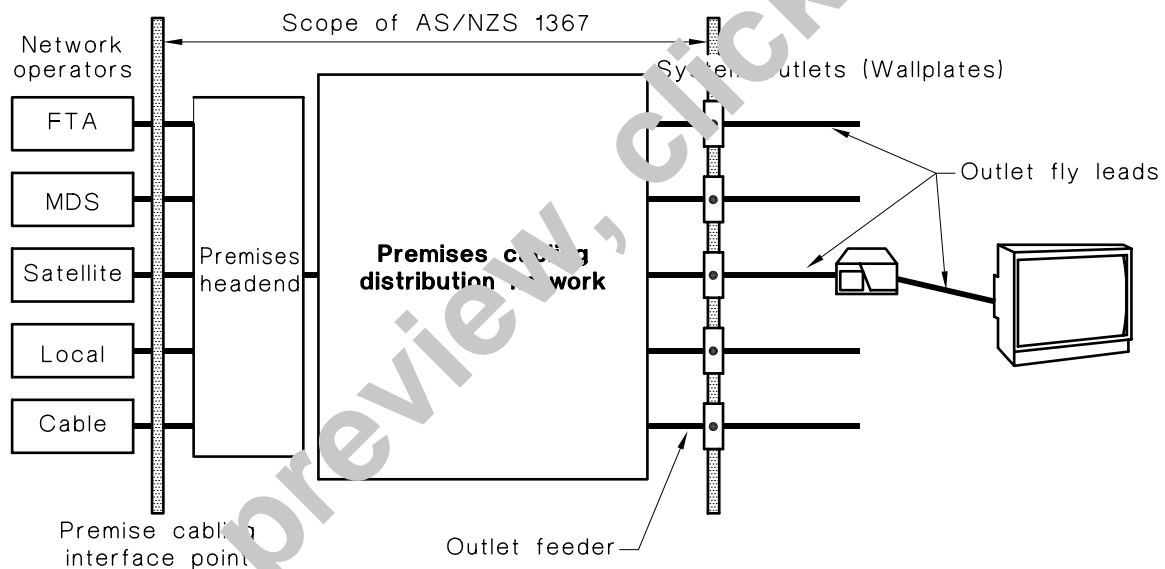


FIGURE 1.1 ILLUSTRATION OF THE SCOPE OF THE STANDARD

This Standard is applicable to coaxial cabled distribution systems in residential and commercial premises designed to carry multi-channel analogue and/or digital television and sound signals supporting free to air television (FTA), subscription television (pay TV), or in house video systems. Subscription or pay TV distribution networks include distribution via cable, microwave and satellite. This Standard can also be applied to the design, installation and commissioning of all multi-channel coaxial cabled distribution systems.

This Standard also specifies minimum requirements for outlet fly leads (see Section 5).

To cater for the differing requirements of digital and analogue systems, and also for various degrees of design complexities of both a network operator's system and the premises cabling, 'categories' of performance are stipulated in this Standard.