

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

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The following interests are represented on Committee CT/2:

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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
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Ministry of Commerce New Zealand
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Australian/New Zealand Standard™

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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.

CONTENTS

	<i>Page</i>
SECTION 1 INTRODUCTION	
1.1 SCOPE AND PURPOSE	5
1.2 OPERATIONAL FREQUENCIES	6
1.3 VARIATIONS IN EQUIPMENT SPECIFICATIONS	6
1.4 NETWORK CONNECTION MANAGEMENT	7
1.5 PROVISION OF FREE TO AIR SERVICES	7
1.6 COMPLIANCE AND SPECIFIC REQUIREMENTS	7
1.7 DEFINITIONS	7
1.8 REFERENCED DOCUMENTS	11
SECTION 2 SAFETY REQUIREMENTS	
2.1 GENERAL	12
2.2 POWERING OF CABLED DISTRIBUTION SYSTEM	12
2.3 MAINS CONNECTED EQUIPMENT	13
2.4 ENVIRONMENTAL PROTECTION	13
2.5 TRANSIENT AND FAULT PROTECTION	13
2.6 PROXIMITY TO AND SEGREGATION FROM OTHER SYSTEMS	18
SECTION 3 ELECTROMAGNETIC COMPATIBILITY (EMC) OF THE SYSTEM	
3.1 GENERAL	19
3.2 EMISSION FROM A SYSTEM	20
3.3 IMMUNITY OF A SYSTEM	22
SECTION 4 ACTIVE DISTRIBUTION EQUIPMENT	
4.1 GENERAL	24
4.2 FREQUENCY RANGE	24
4.3 NOMINAL IMPEDANCE	24
4.4 RETURN LOSS	24
4.5 GAIN	24
4.6 FLATNESS	25
4.7 TEST POINTS	25
4.8 GROUP DELAY	25
4.9 NOISE FIGURE	25
4.10 NON-LINEAR DISTORTION IN LIMITED BANDWIDTH AMPLIFIERS	25
4.11 NON-LINEAR DISTORTION IN BROADBAND AMPLIFIERS	26
4.12 NON-LINEAR DISTORTION OF AMPLIFIERS OPERATING ABOVE 862 MHz FOR FM TELEVISION SIGNALS	26
4.13 AUTOMATIC GAIN AND SLOPE CONTROL	26
4.14 EMISSION FROM EQUIPMENT	27
4.15 IMMUNITY OF EQUIPMENT	27
4.16 SCREENING EFFECTIVENESS OF EQUIPMENT	27
4.17 HUM MODULATION	27
4.18 POWER SUPPLY	27
4.19 ENVIRONMENTAL CONDITIONS	27
4.20 MARKING	27
4.21 MTBF	27

SECTION 5 PASSIVE EQUIPMENT

5.1	GENERAL.....	28
5.2	NOMINAL IMPEDANCE.....	28
5.3	SYSTEM OUTLET FLYLEAD.....	28
5.4	SYSTEM OUTLET (WALLPLATE)	29
5.5	SPLITTERS, DIRECTIONAL COUPLERS AND DISTRIBUTION TAPS	29
5.6	OTHER PASSIVE DEVICES.....	30
5.7	COAXIAL CABLE.....	30
5.8	COAXIAL CONNECTORS	31

SECTION 6 HEADEND EQUIPMENT

6.1	GENERAL.....	33
6.2	RF SIGNAL REQUIREMENTS.....	33
6.3	INTERMEDIATE FREQUENCY (IF) TELEVISION SIGNAL REQUIREMENTS.....	35
6.4	COMPOSITE VIDEO SIGNAL REQUIREMENTS	35
6.5	AUDIO SIGNAL REQUIREMENTS	35
6.6	OUTDOOR COMPONENTS	36
6.7	DATA SHEET PUBLICATION REQUIREMENTS	36

SECTION 7 SYSTEM PERFORMANCE

7.1	GENERAL.....	39
7.2	NOMINAL IMPEDANCE.....	39
7.3	MAXIMUM CARRIER LEVELS	39
7.4	SYSTEM OUTLET LEVELS.....	39
7.5	VISION CARRIER LEVEL DIFFERENCES.....	40
7.6	FM RADIO CARRIER LEVEL DIFFERENCES	40
7.7	VISION TO SOUND CARRIER LEVEL DIFFERENCES	40
7.8	SYSTEM AMPLITUDE RESPONSE.....	41
7.9	RF MUTUAL ISOLATION BETWEEN SYSTEM OUTLETS.....	41
7.10	CARRIER TO NOISE RATIO	42
7.11	SINGLE FREQUENCY INTERFERENCE.....	42
7.12	MULTIPLE FREQUENCY INTERMODULATION INTERFERENCE.....	43
7.13	DIFFERENTIAL GAIN AND PHASE.....	43
7.14	GROUP DELAY	43
7.15	HUM MODULATION	43
7.16	ECHOES IN AM TELEVISION CHANNELS	43
7.17	EMISSION FROM SYSTEMS	43
7.18	IMMUNITY OF SYSTEMS.....	43

APPENDICES

A	AUSTRALIAN/NEW ZEALAND TERRESTRIAL TELEVISION BANDPLANS	45
B	GLOSSARY OF TERMS.....	49
C	DRAFTING SYMBOLS	65
D	SYSTEM PERFORMANCE—METHODS OF MEASUREMENT	67
E	EQUIPMENT PERFORMANCE THRESHOLDS.....	96

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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 input of the premises cabling interface (PCI) to the system outlet (wallplate). (See Figures 1.1, 1.2, 1.3 and 1.4.)

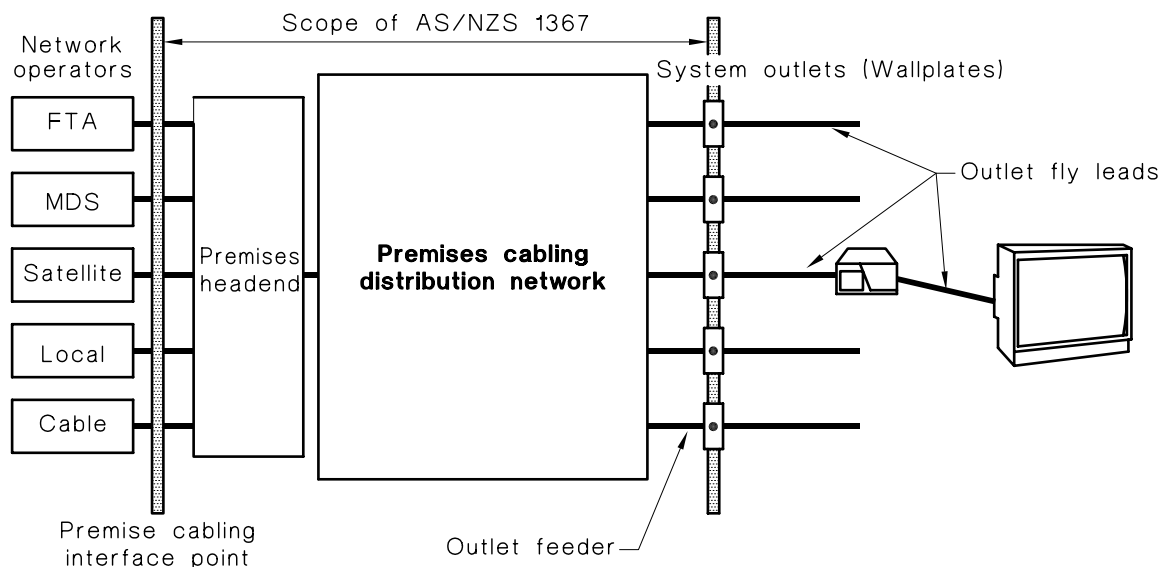


FIGURE 1.1 ILLUSTRATION OF THE SCOPE OF THE STANDARD

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.