

SINGAPORE STANDARD

**Specification for outlet units for master
and community television antenna
systems**

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antenna systems**

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SINGAPORE STANDARD

SPECIFICATION FOR OUTLET UNITS FOR MASTER AND
COMMUNITY TELEVISION ANTENNA SYSTEMS

FOREWORD

This Singapore Standard was prepared by the Technical Committee for Outlet Units for Master and Community Television Antenna Systems under the direction of the Electrical Engineering Industry Standards Committee.

The objective of this standard is to define the features relating to the safety and performance of outlet unit for use with master and community television antenna systems.

In preparing this standard, reference was made to SS 227 : 1979, 'Switches for Domestic and Similar Purposes' and SS 143 : 1976, 'Safety Requirements for Mains Operated Electronic and Related Equipment for Domestic and Similar General Use'. Acknowledgement is made for the use of information from the following overseas publications:

AS 1367 – 1976	Multiple Outlet Television System.
BS 4025 : 1966	Specification for the General Requirements and Methods of Test for Printed Circuits.
IEC 68-2-3 : 1969	Basic Environment Testing Procedures Part 2 : Test Ca : Damp Heat, Steady-State.
IEC 169-2 : 1965	Radio Frequency Connector.
IEC 260 : 1968	Test Enclosure of Non-Injection Type for Constant Relative Humidity.
SABS 061 – 1973	Code of Practice for the Installation of Aerial System (Communal or Single) for the Reception of VHF and UHF Sound and Television Broadcast Transmission.
Wireless Telegraphy Acts (UK)	Technical Condition for Wired Distribution System.

Design and Installation Guide for Aerial Distribution System (Telecommunication Authority – Government of Hongkong).

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1. SCOPE

1.1 This specification gives the requirements of 75 ohm output impedance outlet units for master and community television antenna systems which receive and distribute signals within the frequency range of 40 MHz to 960 MHz according to the CCIR system.

1.2 The types of outlet units covered in this specification are:

- (a) Single outlet for Tee-wired system
- (b) Single outlet for Loop-wired system
- (c) Double outlet for Tee-wired system
- (d) Double outlet for Loop-wired system