

ICS 29.060.20
CCS K 13



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 9334.1-1988

Replacing GB/T 9334.1-1988

**Electrical installation in ships -- Shipboard telecommunication
cables and radio-frequency cables -- Shipboard flexible coaxial
cables**

(English Translation)

Issued on: March 19, 2009

Implemented on: December 1, 2009

Issued by: Standardization Administration of China

Table of Contents

Foreword

1 Scope

2 General Description and Requirements

3 Recommended Model 1)

4 Other requirements

Foreword

This standard is identical with IEC 60092-373. 1977 "Electrical equipment of ships and marine communications cable RF coaxial cable marine soft power Cable "(in English).

For ease of use, the standard IEC 60092-373. 1977 made the following editorial changes.

--- Remove the IEC 60092-373. 1977 foreword and preface;

--- Some of the statements apply to international standards to apply to our standard formulation;

--- To make our marine Model methodology flexible coaxial cable harmonization of this standard complements the "Appendix A Product name and on behalf of Number "as an information appendix.

This standard replaces GB/T 9334.1-1988 "marine radio frequency cables - General." this standard and GB/T 9334.1-1988 have compared the following changes.

--- Change the standard name, and IEC 60092-373. 1977 is consistent;

--- Increasing the preface, in line with GB/T 1.1-2000 of the relevant provisions;

--- Change the scope, and IEC 60092-373. 1977 is consistent;

--- Change the reference standards, and IEC 60092-373. 1977 is consistent;

--- Remove the GB/T 9334.1-1988 Chapter 3. Definitions;

--- Remove the GB/T 9334.1-1988 Chapter 4. Product name and code;

--- Remove the GB/T 9334.1-1988 Chapter 5. conductor;

--- Remove the GB/T 9334.1-1988 Chapter 6. insulation;

--- Remove the GB/T 9334.1-1988 Chapter 7. sheath;

--- Remove the GB/T 9334.1-1988 Chapter 8. Finished cable;

- Remove the GB/T 9334.1-1988 Chapter 9. Delivery length;
- Remove the GB/T 9334.1-1988 Chapter 10. Testing and acceptance;
- Remove the GB/T 9334.1-1988 Chapter 11. Packaging;
- Chapter 2 of this revised. general description and requirements, a combination of GB/T 9334.1-1988 in Chapter 5, Chapter 6, Content Chapter 7;
- With IEC 60092-373. 1977 equivalent to the standard recommended in Chapter 3 can be applied to a part of the ship's compliance with IEC 60096 Cable type;
- Chapter 4 of this revised. other requirements, a combination of GB/T 9334.1-1988 in Chapter 8, Chapter 9, Chapter 10, para.

11 content.

Appendix A of this standard is an informative annex.

The standard proposed by China Electrical Equipment Industrial Association.

This standard by the national wire and cable Standardization Technical Committee (SAC/TC213) centralized.

1 Scope

This standard gives a marine flexible coaxial cable instructions and requirements.

Shipboard flexible coaxial cables are mainly used for high frequency signals (such as signal frequencies greater than 105 Hz) and the high-frequency signal to be asymmetrical of. Mainly used for radio and radar equipment connected to each other.

2 General Description and Requirements

Shipboard flexible coaxial cable inner conductor should have a copper or copper-clad steel, a layer of polyethylene or PTFE insulated copper wire braided outer layer Conductor and a layer of polyvinyl chloride (PVC) or a layer of moisture-proof Teflon sealing tape and coated with varnish glass braid outer sheath.

When the inner conductor of the cable conductors twisted together by a 7, the outer diameter of the insulation should be not more than 12mm.

When the inner conductor of the cable by a single round copper wire, insulation should be greater than the outer diameter of 12mm.

3 Recommended Model 1)

96IEC 50-7-2 96IEC 50-12-1 96IEC 75-4-1 96IEC 75-7-3 96IEC 50-7-6 96IEC 50-17-2
96IEC 75-4-2 96IEC 75-7-112) 96IEC 50-7-82) 96IEC 50-17-3 96IEC 75-7-2 96IEC

75-17-2

Note 1: 96IEC 75-12-A 96IEC 75-17-A, and two types of cables are under consideration.

Note 2: For ease of use, shipboard flexible coaxial cable type can refer to Appendix A naming and representation.

4 Other requirements

Shipboard flexible coaxial cable should meet the above-mentioned special cables in IEC 60096 in all relevant requirements, even when such a requirement is not IEC 60092 series is based on the publication of regulations.

1) For details see IEC 60096.

2) These cables are used 200 °C.

GB/T 9334-2009/IEC 60092-373. 1977