



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS C 3405 : 1998

**Road vehicles—
High tension cables**

ICS 43.060.50

Descriptors : electric cables, insulated cables, natural rubber, synthetic rubber,
sheathed cables, high voltage, road vehicles

Reference number : JIS C 3405 : 1998 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS C 3405 : 1987** is replaced with **JIS C 3405 : 1998**.

In this revision, **ISO 3803-1 : 1979**, *Road vehicles—Unscreened high-tension ignition cables—Part 1 : Dimensions, general requirements and test methods* and **ISO 3808-2 : 1980**, *Road vehicles—Unscreened high-tension ignition cables—Part 2 : Cable classes, types, applicable tests and special requirements* have been used as the basis, for the purpose of conformity of Japanese Industrial Standards with International Standards.

Date of Establishment: 1954-03-31

Date of Revision: 1998-10-20

Date of Public Notice in Official Gazette: 1998-10-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Electricity

JIS C 3405:1998, First English edition published in 1999-09

Translated and published by: Japanese Standards Association
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Printed in Japan

Road vehicles—High tension cables

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 3808-1, *Road vehicles—Unscreened high-tension ignition cables—Part 1 : Dimensions, general requirements and test methods*, published in 1979, and the first edition of ISO 3808-2, *Road vehicles—Unscreened high-tension ignition cables—Part 2 : Cable classes, types, applicable tests and special requirements*, published in 1980, and specifies the classes, quality, materials and marking which have been conventionally specified in Japanese Industrial Standard in the text, and the corresponding parts in the corresponding International Standard without modifying the technical content in Annex 1 and Annex 2.

1 Scope

This Japanese Industrial Standard specifies the high-voltage cables to be used for automobile (hereafter, referred to as the “cables”).

- Remarks
- 1 Unscreened high-tension ignition cables for automobiles in accordance with ISO shall be specified in Annex 1 and Annex 2. The text and annexes shall be individually applied.
 - 2 The corresponding International Standards to this Standard are as follows :
 ISO 3808-1, *Road vehicles—Unscreened high-tension ignition cables—Part 1 : Dimensions, general requirements and test methods*
 ISO 3808-2, *Road vehicles—Unscreened high-tension ignition cables—Part 2 : Cable classes, types, applicable tests and special requirements*

2 Normative references

The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of these standards (including the amendments) shall be applied.

JIS C 3005—*Test Methods for Rubber or Plastic Insulated Wires and Cables*

JIS C 3152—*Tin Coated Annealed Copper Wires*

JIS K 2203—*Kerosine*

JIS K 2215—*Internal Combustion Engine Oils*

3 Classes and Symbols

Classes and symbols shall be as given in Table 1.

Table 1 Classes and Symbols

Class	Symbol ⁽¹⁾	Insulation	Sheath
Chloroprene-sheathed high-voltage cable for automobiles	AIRN	Rubber	Chloroprene
Vinyl-sheathed high-voltage cable for automobiles	AIRV	Rubber	Vinyl

Note ⁽¹⁾ The meaning of symbol is as follows :

AI : high - voltage cable for automobile

R : rubber

N : chloroprene

V : vinyl