

Automotive parts - Automotive cables -

Part 3: Low-voltage copper conductor cables

Introduction

This standard is Part 3 of the group of **JASO D625** standards that are newly established by integrating **JASO D611:2014** (product standard) and **JASO D618:2013** (test standard), and is intended to select the cables to be tested and specify the performance requirements.

1. Scope

This standard specifies low-voltage copper conductor cables (hereinafter referred to as "cables") used as unscreened single-core low-voltage cables for automobiles, excluding AV (low-voltage cables for automobiles) specified in **JIS C3406**.

In addition, this standard also applies to individual cores constituting a multi-core cable.

The rated voltages for the cables shall be 30 VAC and 60 VDC.

2. Normative reference

The following standards, when referred to in this standard, constitute a part of the specifications of this standard. As required, the most recently updated version of the applicable standard (including addenda) shall be applied.

JASO D625-2	Automotive parts - Automotive cables - Part 2: Test methods
JIS C3102	Annealed copper wires for electrical purposes
JIS C3152	Tin coated annealed copper wires

3. Cable types, names, symbols, and insulation materials

The cable types, heat resistance classes, names, symbols, insulation materials, and structures are as shown in **Table 1**.

4. Performance

Cable performance requirements shall be as specified in **Tables 2 and 3**.

In addition, the performance by different cable types and nominal sizes shall be as specified in **Tables 4 to 9**.