# AVSSH

**100°C, 25/60V**



## Construction
**Conductor:** Bare Copper or Tinned Copper
**Insulation:** Extruded · PVC

## Thermal Characteristics
**Operating Temperature:** 100°C

## Electrical Characteristics
**Operating Voltage:** 25/60V

## Application
**Automotive Low-Voltage Circuits:** Heat-resistant thin-wall primary wiring for low-voltage automotive circuits.

## General Characteristics
**Fluid Resistance:** Resists gasoline, diesel and engine oil in vehicle service.
**Heat Stability:** Holds its dimensions after heat exposure, with minimal shrinkage at the cable ends.

## Standards & Approvals
**JASO D611:2009:** Low-voltage cables for automobiles.
**JASO D618:** Test methods for automotive cables.

| CASMO Part No. | Conductor | | | | Min. Ins. Thickness (mm) | Max. Overall O.D. (mm) | Max. DCR @20°C (Ω/km) |
|---|---|---|---|---|---|---|---|
| | Conductor Size ($mm^2$) | No. Of Strands | Max. Strand Dia. (mm) | Max. Conductor Dia. (mm) | | | |
| 1130040.3f/19-**-XX | 0.3f | 19 | 0.16 | 0.8 | 0.24 | 1.5 | 48.8 |
| 1130040.5f/19-**-XX | 0.5f | 19 | 0.19 | 1 | 0.24 | 1.7 | 34.6 |
| 1130040.75f/19-**-XX | 0.75f | 19 | 0.23 | 1.2 | 0.24 | 1.9 | 23.6 |
| 1130041.25f/37-**-XX | 1.25f | 37 | 0.21 | 1.5 | 0.24 | 2.2 | 14.6 |
| 1130042f/37-**-XX | 2f | 37 | 0.26 | 1.8 | 0.32 | 2.7 | 9.5 |

**Table Notes**

† Part No. code: XX = colour code — BK Black, WH White, RD Red, GN Green, BN Brown, BL Blue, OR Orange, YW Yellow, VT Violet, GY Grey, PK Pink, TN Tan, CL Clear.
‡ Replace ** with the conductor code: AS for bare copper or TS for tinned copper.

* Nominal size is the JASO designation; the suffix "f" denotes a flexible conductor.

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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