

SAE J1939/11 & /15 Data Bus Cables

PRODUCT FACTS

Issued 05/04 1773003

SAE -J1939 compliant
 Very flexible
 Small size
 Excellent mechanical and environmental
 resistance
 125°C rated
 Cross linked non melting insulation
 Easily Processed



DESCRIPTION

Raychem offers a broad range of cables to meet the requirements of slash sheets 11 and 15 to the SAE J1939 base specification.

The cables consist of a twisted pair with or without an aluminized foil shielding and a robust cross linked proprietary outer jacket for mechanical and chemical protection. Cross linking imparts a non melting characteristic to the insulation material, which is ideal in case of accidental contact with very hot surfaces. The cables are supplied in both bare copper and tin plate copper conductors.

The cables are primarily used to network trucks, buses, fire engines, military vehicles and earth moving equipment. Raychem J1939 cables are some of the smallest and most flexible available with an impressive history and track record in the field.

APPLICATIONS

| | | |
|-------------------|-------------------------|--|
| Databus networks: | Trucks RV's Buses | Heavy equipment Fire engines Military vehicles |
|-------------------|-------------------------|--|

MATERIALS

| | |
|--|---|
| Bare copper or tin plated conductors Rayolin FS dielectric material | Aluminum foil shields Thermorad F jacket |
|--|---|

ELECTRICALS - SHIELDED CABLES

| | |
|---------------------------|--------------------|
| Characteristic Impedance: | 120 Ohm |
| Capacitance: | 10.5 pf/ft nominal |
| Specific line delay: | 75% nominal |

FOR MORE INFORMATION

Technical Support
 Internet: www.tycoelectronics.com
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USA: 1-800-522-6752
 Canada: 1-905-470-4425
 Mexico: 01-800-733-8926
 C. America: 52-55-5-792-0425

South America: 55-11-3611-1514
 Japan: 81-44-900-5102
 Singapore: 65-4866-151
 UK: 44-1793-528171

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STANDARDS & SPECS

Raychem Wire & Cable Spec 1200

SAE-J1939/11 and SAE-J1939/15

PRODUCT OFFERING

Standard constructions

SAE J1939/11

2021D0309-0 (shown at right)

2018E0309-0

SAE J1939/15

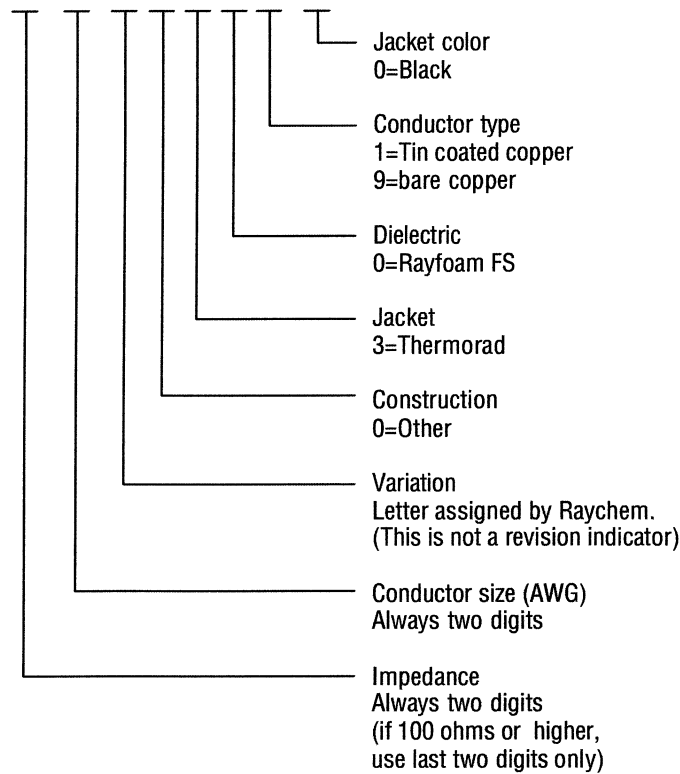
2019E0309-0

2018D0309-0

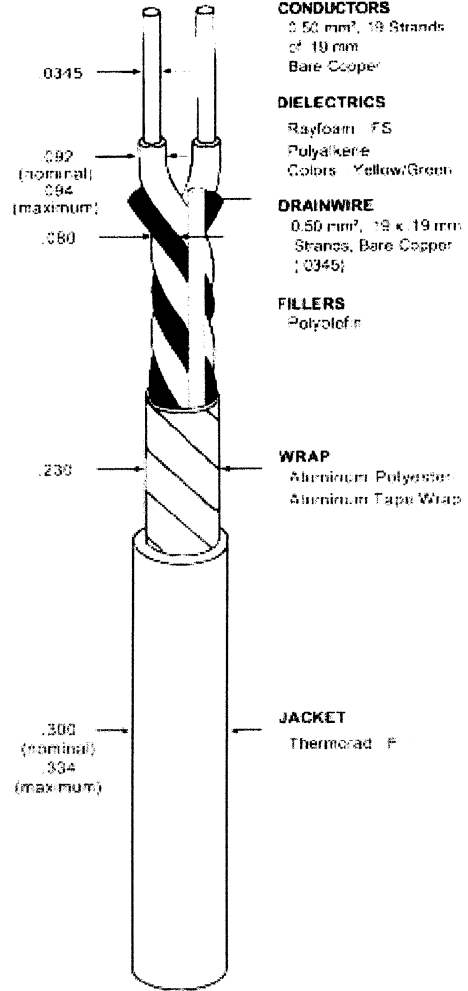
Inner components: Green, Yellow
Jacket: Black

PART NUMBERING SYSTEM

20 21 D 0 3 0 9 - 0



DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED



Outer jacket will be Black (designated by a -0 appended to the part number, e.g. 2021D0309-0) unless otherwise specified.

Component Stripe Option: Red striped components will be designated with a slash separating base and stripe colors as follows: 2021D0309-42/52-0

Designate outer jacket color with a dash number in accordance with MIL-STD-883. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.