

1.0 **Wire Description**

1.1 **Physical Characteristics**

- 1.1.1 Temperature Range -40°C to 150°C
- 1.1.2 Voltage Rating 60 V

1.2 **Conductor**

- 1.2.1 Conductor Material Copper – Tin Plated
- 1.2.2 Size 0.50 mm²
- 1.2.3 Construction 19/0.19
- 1.2.4 Nominal Diameter 0.91 mm
- 1.2.5 Maximum DC Resistance 36.2 mΩ/M @ 20°C

1.3 **Insulation**

- 1.3.1 Insulation Material Crossed Linked Fluoroelastomer, J7
- 1.3.2 Color Black
- 1.3.3 Wall Thickness 0.28 mm Min
 0.40 mm Nom
- 1.3.4 Nominal Diameter 1.73 mm
- 1.3.5 OD Tolerance ± 0.076 mm
- 1.3.6 Marking None

1.4 **GM Compliance Requirements**

- 1.4.1 GMW15626 Class D
- 1.4.2 GM SOR – Low Voltage Cable For In Transmission Application, Appendix C, October 12 2009.

1.5 **Reference Specifications**

- 1.5.1 Judd Wire Inc. JW1342-10

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