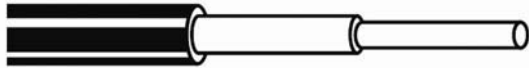


Product Data Sheet

IMSA 51-5 and 51-7 Loop Detector



Product Description

PVC insulation (51-5)
Nylon jacket (51-5 only)
XLP insulation (51-7)
PVC tube
60 °C, 600 V

Applications

Embedded in road pavements to detect vehicles for the purpose of changing signals or determining amount of traffic flow.

Specifications

- CONDUCTORS: Stranded, one copper conductor per ASTM B-3
- INSULATION: 15 mils of black PVC per UL 1581, Class 12 (51-5) or 30 mils of black XLP per ASTM D-2655 (51-7)
- OVERALL JACKET: Clear nylon per ASTM D-4066 (51-5 only)
- FEATURE: Encased in a loose PVC tube
- STANDARDS: The completed cable meets or exceeds the latest International Municipal Signal Association (IMSA) Specification No. 51-5 or 51-7
- TEMPERATURE: 60 °C
- VOLTAGE: 600 V

Product Data Sheet

IMSA 51-5

Part No.	Conductor Size AWG	No. of Strands	Voltage	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
3SLC-1401- THHN	14	19	600	0.250	29.8

IMSA 51-7

Part No.	Conductor Size AWG	No. of Strands	Voltage	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
3SLC-1401- XHHW	14	19	600	0.250	29.8