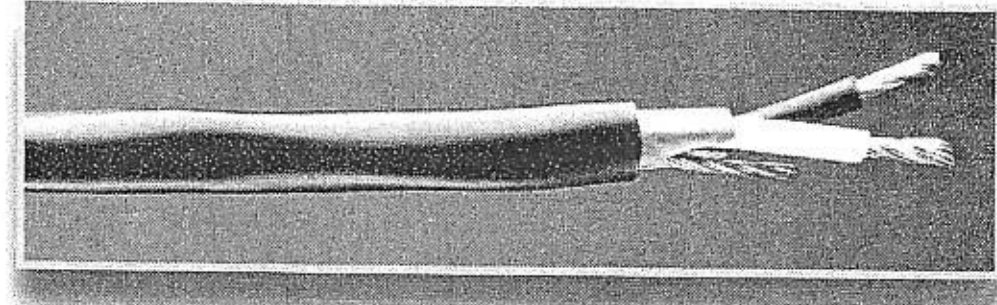


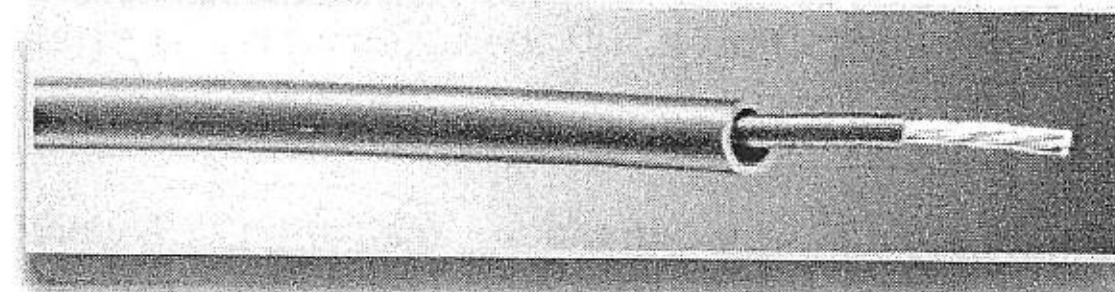
**Traffic Signal Loop Detector**

**IMSA Spec 50-2**  
**Lead-In (Feeder) Cable**  
**Two Conductor, Shielded Polyethylene Jacket**



AWG	Insulation Thickness (in)	Nominal Jacket Thick. (in)	Outside Diameter (in)	Approximate Cable Weight (lbs/M-ft)
*16	.03	.03	.285	49
*14	.03	.03	.34	63
*12	.03	.03	.38	85

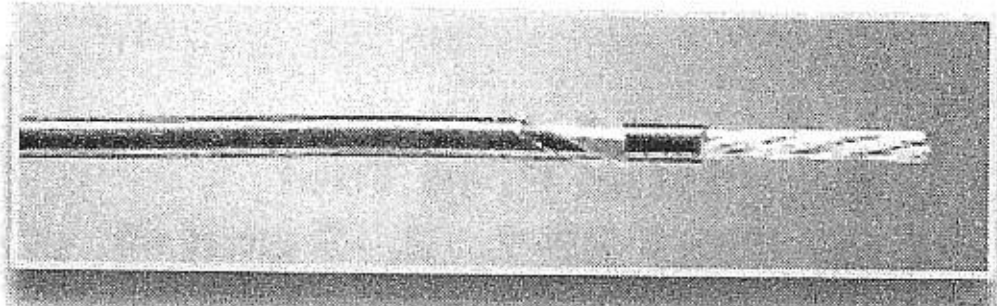
**IMSA Spec 51-5**  
**Loop Wire - Single Conductor**  
**PVC/Nylon with Tube Jacket**



AWG	Insulation Thickness (in)	Outside Diameter (in)	Approximate Cable Weight (lbs/M-ft)
*14	.015	.25	38
*12	.015	.25	45

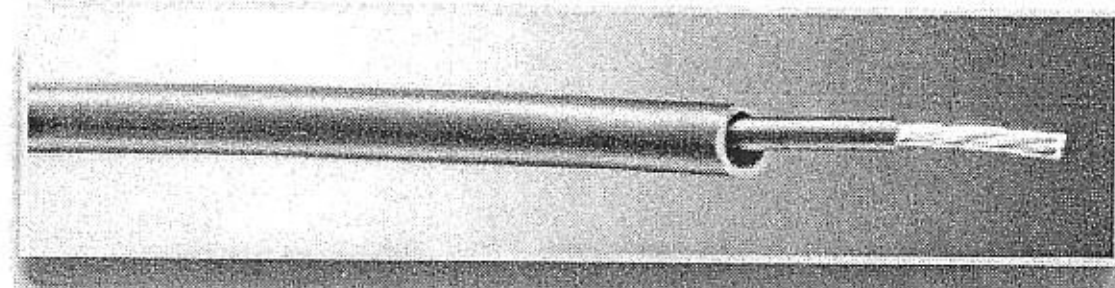
Tube = .03"

**IMSA Spec 51-1**  
**Loop Wire - Single Conductor**  
**PVC/Nylon**



AWG	Insulation Thickness (in)	Nominal Jacket Thick. (in)	Outside Diameter (in)	Approximate Cable Weight (lbs/M-ft)
18	.015	.004	.09	8
16	.015	.004	.11	11
*14	.015	.004	.11	17
12	.015	.004	.14	24
10	.02	.004	.17	39
8	.03	.005	.23	45

**IMSA Spec 51-7**  
**Loop Wire - Single Conductor Cross-Linked Polyethylene with Tube Jacket**

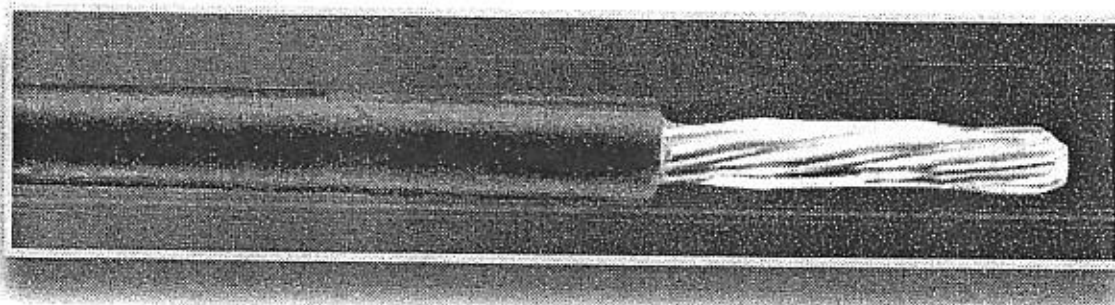


AWG	Insulation Thickness (in)	Outside Diameter (in)	Approximate Cable Weight (lbs/M-ft)
*14	.03	.25	42

Tube = .03"

\*Standard stocking items. Other items are available on request and may require minimum quantities.

**IMSA Spec 51-3**  
**Loop Wire - Single Conductor, Cross-Linked Polyethylene**



AWG	Insulation Thickness (in)	Outside Diameter (in)	Approximate Cable Weight (lbs/M-ft)
*14	.03	.14	18
*12	.03	.15	25
10	.03	.19	39
8	.045	.25	65

**Traffic Signal Loop Detector Installation Hardware**

**Bondo and Chemque Loop Sealants**  
*(see pages J-1 in the Hardware & Supplies section)*  
**Backer Rod** *(see page J-2 in the Hardware & Supplies section)*

**Suggested Prep Tools**

**Multi-Wire Stripper/Cutter 721**  
*(see page 20 in this section for full descriptions)*

**See page 17 for Traffic Signal Cable**