

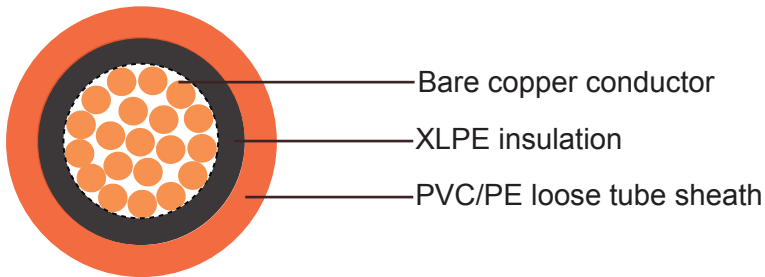


IMSA 51-7(Loop Detector Cable)

Application and Description

These cables are used in road pavements to detect vehicles for the purpose of changing signals or determining amount of traffic flow.

Cable Construction



- **Conductor:** Stranded bare copper per ASTM B-8
- **Insulation:** Cross-linked polyethylene (XLPE)
- **Sheath:** PE or PVC loose tube, black or orange

Temperature Rating

60°C

Voltage Rating

600 V

Cable Parameter



AWG	No. of Conductor	Solid or Stranded	Insulation Thickness		Sheath thickness		Overall Diameter		Cable Weight	
			inches	mm	inches	mm	inches	mm	Lbs./Kft	Kg/Km
PE tube										
14	1	19strand	0.030	0.76	0.030	0.76	0.19	4.83	26	39
12	1	19strand	0.030	0.76	0.030	0.76	0.22	5.59	31	46
PVC tube										
14	1	19strand	0.030	0.76	0.030	0.76	0.19	4.83	31	46
12	1	19strand	0.030	0.76	0.030	0.76	0.22	5.59	37	55

