



## IMSA 51-5(Loop Detector Cable)

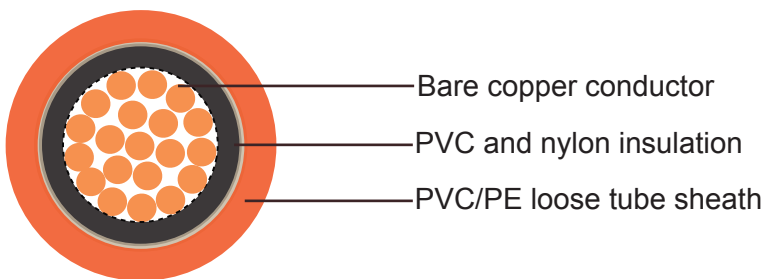
### Application and Description

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

### Cable Construction

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- **Conductor:** Stranded bare copper per ASTM B-8
- **Insulation:** PVC(15Mils)/Nylon(5Mils)
- **Sheath:** PE or PVC loose Tube, black or orange

### Temperature Rating

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60°C

### Voltage Rating

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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	0.02	0.51	0.030	0.76	0.18	4.57	22	33
12	1	19strand	0.02	0.51	0.030	0.76	0.2	5.08	29	43
PVC tube										
14	1	19strand	0.02	0.51	0.030	0.76	0.18	4.57	30	45
12	1	19strand	0.02	0.51	0.030	0.76	0.2	5.08	36	54

