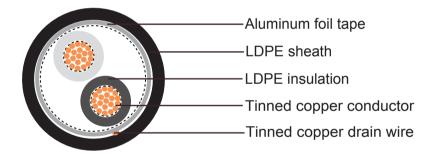


IMSA 50-2 (Traffic Loop Detector Lead-In Feeder Cable)

Application

These cables are used in municipal signal systems as lead-in cable or for use in communication circuits where a low capacitance is needed, suitable for underground conduit, as aerial cable supported by messenger, or in raceways in buildings.

Cable Construction



- **Conductor:** Stranded tinned copper per ASTM B-8 & B-33,18 12 AWG (19 Strand)
- **Insulation:** Low density polyethylene (LDPE)
- Color code: Black & clear
- Pairing: Two insulated conductors twisted together
- Shield: Aluminum foil shield with tinned copper drain wire
- **Sheath:** Black low density polyethylene (LDPE)

Temperature Rating

75°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
18	2	19strand	0.030	0.76	0.030	0.76	0.27	6.86	31	46
16	2	19strand	0.030	0.76	0.030	0.76	0.29	7.37	40	60
14	2	19strand	0.030	0.76	0.030	0.76	0.32	8.13	56	83
12	2	19strand	0.030	0.76	0.030	0.76	0.364	9.25	80	119