



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

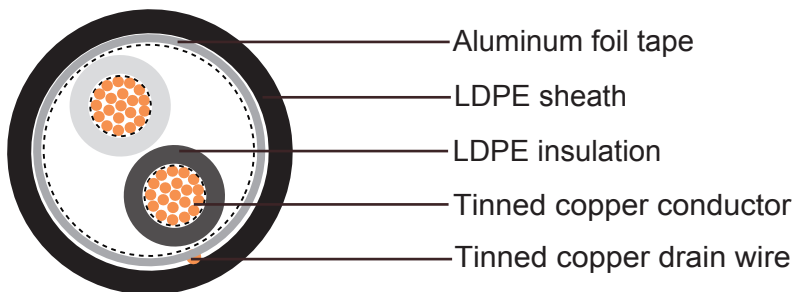
### Application

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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

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- **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

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75°C



### Voltage Rating

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600 V

### Cable Parameter

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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

