Kris-Tech Wire Co.

Traffic Loop Detector Wire IMSA 51-7

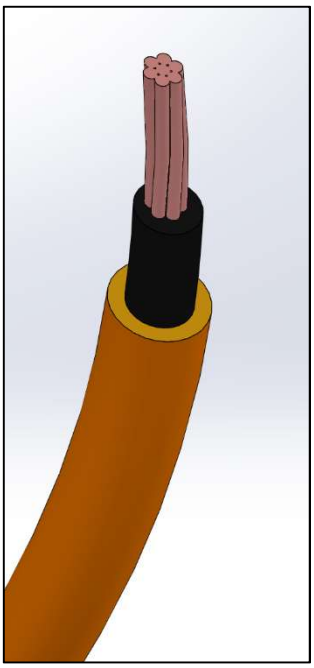
Scope:
Loop detector conductor for use as inductance loop detector wire.

Applicable Standards and Tests:
ASTM B-3, B-8 Class B or C, B-174, D-2220, D-1248 for Type III Class C, D-2655-80, NEMA/ICEA WC-5, IMSA 51-7, UL 44, and UL 1581. All products are spark tested at 7500 VAC unless otherwise specified.

Construction:
Conductors: The single conductors are stranded, annealed copper.

Insulation:
Concentrically applied, black XLPE (cross linked polyethylene) insulation with either orange PVC (polyvinyl chloride) or HMWPE (high molecular weight polyethylene) jacket in either LLDPE, MDPE or HDPE, Rated at 75ºC, 600V.

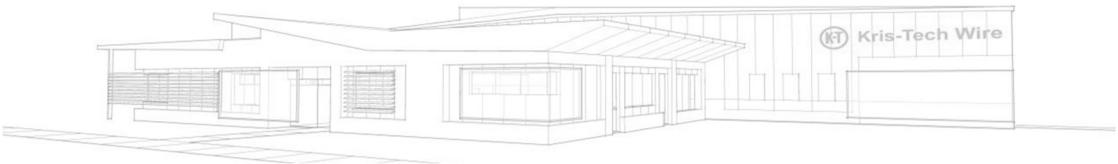
Identification and Packaging:
The wire shall be identified by surface marking indicating the manufacturer, IMSA number, AWG size, year of manufacture and voltage rating. Long length bulk reels are standard. Custom lengths are available by request.



MADE IN U. S. A.

RoHS

AWG	Standard Number of Strands	Nominal Conductor Wall Thickness (in.)	Overall Conductor Diameter (in.)	Conductor Weight (Lbs. /000 ft.)	Nominal Jacket Wall Thickness (in.)	Nominal Overall Jacket Diameter (in.)	Weight (Lbs. /000 ft.)
14	19	0.030	0.132	20	0.030	0.250	30
12	19	0.030	0.152	27	0.030	0.250	38



P: (315) 339 5268 • F: (315) 339-5277 • sales@kristechwire.com • www.kristechwire.com

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