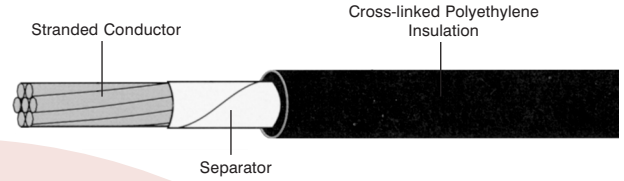


Loop Detector Wire

Cross-linked Polyethylene Insulation per IMSA Specification No. 51-3
 14 - 2 AWG • 600 Volts • 90°C

CABLE DATA ES-12356					
PART NUMBER	SIZE (AWG)	STRANDS NO./O.D. (INCHES)	INSULATION WALL (INCHES)	NOMINAL O.D. (INCHES)	APPROX. WEIGHT 1000 FT. (POUNDS)
02-0797	14	Solid	.030	.125	17
02-0798	14	7/.0242	.030	.135	18
02-0799	14	19/.0147	.030	.135	18
02-0800	12	Solid	.030	.145	25
02-0801	12	7/.0305	.030	.155	26
02-0802	10	Solid	.030	.165	38
02-0803	10	7/.0385	.030	.180	39
02-0804	8	7/.0486	.045	.240	66
02-0805	6	7/.0612	.045	.275	99
02-0806	4	7/.0772	.045	.325	151
02-0807	2	7/.0974	.045	.380	232



SCOPE:

This specification covers single conductor wires having cross-linked polyethylene insulated conductors conforming to IMSA Specification 51-3. Rated 600 volts, 90°C.

APPLICATIONS:

Designed for use in municipal signal systems as "Loop Detector Wire". These wires are installed in pavement saw cuts at traffic intersections to detect the presence of motor vehicles. The signal is sent to traffic signal controller to activate the light changes.

CONSTRUCTION:

CONDUCTORS

Solid, or stranded, bare, uncoated copper with separator per ASTM B-3 or B-8. Other strandings and tinned conductors available upon special request.

INSULATION:

Cross-linked polyethylene per IMSA Specification No. 51-3, paragraph 4. Insulation color is black.

CABLE IDENTIFICATION:

Surface print: "Year of Manufacture, IMSA Specification No. 51-3 600V"

TESTS:

Dimensionals physicals and electricals per IMSA Specification No. 51-3.

NOTE:

The data listed is approximate and subject to normal manufacturing tolerances. Consult factory for alternate constructions or materials.

»Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.