

Solid Copper Tracer Wire 30V-600V



APPLICATION:

Solid Copper Tracer Wire has a high density high molecular weight polyethylene insulation that has excellent abrasion, crush, chemical, oil and moisture resistance. Suitable for direct burial or use with plastic pipe to aid in the detection and tracing of underground utility lines for gas, water, sewer, and telecommunication systems. The temperature rating is -25°C to 75°C.

CONDUCTORS:

- Solid copper conductor per ASTM B3, B258

INSULATION:

- High density high molecular weight polyethylene (HDHMWPE)

STANDARDS:

- ASTM B3
- ASTM B258
- ASTM D-1248

COLOR CODE:

Color	Designation
Blue	Potable Water
Green	Sewer, Drain Lines
Purple	Reclaimed Water
Red	Electric
Orange	Communication
Yellow	Gas
Black	N/A
White	N/A

Part Number	Conductor Size	Conductor Diameter		Wire Diameter		Net Weight	Approx. Break Strength
	AWG	inches	mm	inches	mm	lbs/kft	lbs
30 Mil Insulation 30V							
16SOLTW-CU-30	16	0.051	1.30	0.110	2.79	11	69
14SOLTW-CU-30	14	0.064	1.63	0.120	3.05	16	110
12SOLTW-CU-30	12	0.081	2.06	0.140	3.56	24	174
10SOLTW-CU-30	10	0.102	2.59	0.160	4.06	36	277
45 Mil Insulation 30V/600V							
16SOLTW-CU-45	16	0.051	1.30	0.110	2.79	14	69
14SOLTW-CU-45	14	0.064	1.63	0.120	3.05	19	110
12SOLTW-CU-45	12	0.081	2.06	0.140	3.56	27	174
10SOLTW-CU-45	10	0.102	2.59	0.160	4.06	39	277

All values are nominal and subject to correction



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