

Tracer Wire 30V-600V High Strength (HS-CCS)



APPLICATION:

Copper Clad Steel (CCS) High Strength Tracer Wire is made for directional drilling/boring or similar applications that require high strength. The wire is made of high strength copper clad steel conductor with 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°F to 75°F.

CONDUCTORS:

- Copper-clad steel conductor with high carbon 1055 grade steel (HS-CCS), 21% conductivity

INSULATION:

- High density high molecular weight polyethylene (HDHMWPE)

STANDARDS:

- ASTM B3
- ASTM B910
- ASTM D-1248
- UL 2989 (not listed)

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							
18SOLTW-CCS-HS-30	18	0.040	1.02	0.100	2.54	7	110
16SOLTW-CCS-HS-30	16	0.051	1.29	0.110	2.79	10	145
14SOLTW-CCS-HS-30	14	0.064	1.63	0.120	3.05	15	285
12SOLTW-CCS-HS-30	12	0.081	2.05	0.140	3.56	22	455
10SOLTW-CCS-HS-30	10	0.102	2.59	0.160	4.06	34	685
8SOLTW-CCS-HS-30	8	0.129	3.26	0.190	4.83	51	870
45 Mil Insulation 30V/600V							
18SOLTW-CCS-HS-45	18	0.040	1.02	0.130	3.30	9	110
16SOLTW-CCS-HS-45	16	0.051	1.29	0.140	3.56	13	145
14SOLTW-CCS-HS-45	14	0.064	1.63	0.150	3.81	18	285
12SOLTW-CCS-HS-45	12	0.081	2.05	0.170	4.32	25	455
10SOLTW-CCS-HS-45	10	0.102	2.59	0.190	4.83	37	685
8SOLTW-CCS-HS-45	8	0.129	3.26	0.220	5.59	55	870

All values are nominal and subject to correction



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