

Tracer Wire 30V-600V Extra High Strength (EHS-CCS)



APPLICATION:

Copper Clad Steel (CCS) Extra High Strength Tracer Wire is made for directional drilling/boring or similar applications that require extra high strength. The wire is made of extra high strength copper clad steel conductor with a high density high molecular weight polyethylene insulation that is excellent for abrasion, crush, chemical, oil and moisture resistance. The wire is 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:

- Solid copper-clad steel conductor with hard drawn high carbon 1055 grade steel (EHS-CCS), 21% conductivity

INSULATION:

- High density high molecular weight polyethylene (HDHMWPE), 30/600 Volt rated

STANDARDS:

- UL 2989
- ASTM B910

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	
45 Mil Insulation 30V/600V								
12SOLTW-CCS-EHS-45	12	0.081	2.05	0.170	4.32	26	1155	
10SOLTW-CCS-EHS-45	10	0.102	2.59	0.200	5.08	39	2040	
8SOLTW-CCS-EHS-45	8	0.129	3.26	0.220	5.59	61	2790	

All values are nominal and subject to correction



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