

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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