



## Copperhead® High Strength Tracer Wire Spec

- Use Copperhead High Strength Tracer Wire
- Part # **1830\*-HS-\*\***
- \* = Color: B=Blue Water, G=Green Sewer, P=Purple Reclaim Water  
R=Red Electric, N=Orange Communications, K=Black
- \*\* = Spool Size: 500', 1000', 2500'

Tracer wire shall be a #18 AWG (0.0403" diameter) fully annealed, high carbon 1055 grade steel, high strength solid copper clad steel conductor (HS-CCS), insulated with a 30 mil, high-density, high molecular weight polyethylene (HDPE) insulation, and rated for direct burial use at 30 volts. HS-CCS conductor must be at 21% conductivity for locate purposes. Break load of 107 lbs. HDPE insulation shall be RoHS compliant and utilize virgin grade material. Insulation color shall meet the APWA color code standard for identification of buried utilities. Manufacturers supplying copper clad steel tracer wire must have available detailed performance data including 5 years of underground testing in terms of durability related to damage of protective insulation and effects of potential corrosion of the specific copper clad steel used. Origin of copper clad steel manufacturer is required and steel core must be manufactured in the United States. If manufacturer has not completed 5 year corrosion testing, a 5 year warranty must be provided. Tracer wire shall be Copperhead® High Strength HS-CCS HDPE 30 mil or *district pre-approved equal* and made in the USA.