

PE Ground Wire



Scope:

Single conductor high molecular weight polyethylene (HMWPE) insulated, 600V rated copper wire. Suitable for all grounding or bonding in communication circuits per NEC Article 800.



Applicable Standards and Tests:

- ASTM B-1, B-3, B-8 and D-1248
- NEC 800, NFPA 70
- Spark tested at 7500 VAC



Construction:

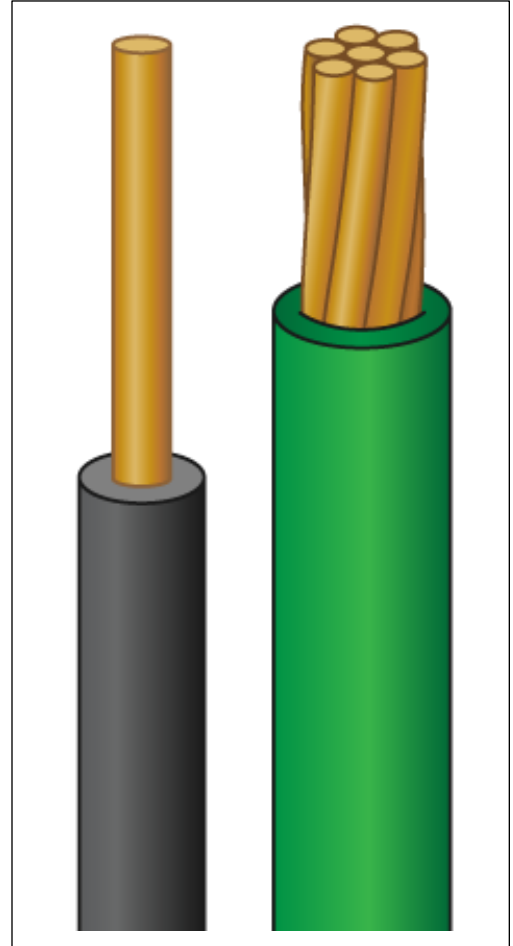
Conductors: The single conductors are solid or stranded annealed bare copper.

Insulation: Concentrically applied HMWPE (high molecular weight polyethylene) insulation rated at 600V. Colors available: green and black.



Identification and Packaging:

The wire shall be unmarked. 500 ft/spl. packed 4/box, 500 ft. knockout cartons or 2500 feet/spl spools are standard. Custom lengths and print are available by request.



AWG	Standard Number of Strands	Insulation Thickness (mils)	Nominal Overall Diameter – Inches	Approx. Shipping Weight (Lbs/Mft)
14	Solid or 7	16	0.096/0.106	14
12	Solid or 7	16	0.113/0.123	22
10	Solid or 7	16	0.134/0.144	35
8	Solid or 7	33	0.195/0.205	58
6	Solid or 7	33	0.228/0.238	89