

# spec P7345D - Rev 11

## BARE COPPER WIRE

- Soft-Annealed, uncoated copper, 18AWG - 1/0AWG.
- 250, 500, and 1,000 foot spools. Custom lengths possible.
- Solid or stranded.
- Paige part numbers:

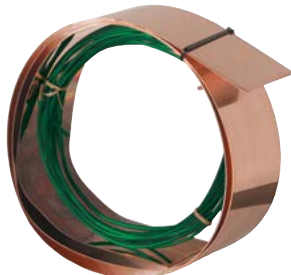


Wire Size (AWG)										
	18	16	14	12	10	8	6	4	2	1/0
<b>Solid</b>	160120	160137	160248	160364	160465	160629	160635	160678	160738	-
<b>Stranded</b>	-	-	-	160365	160466	160630	160636	160679	160739	160074

## GROUNDING, BONDING AND SHIELDING PRODUCTS

### COPPER GROUND PLATES WITH WELDED INSULATED CONDUCTOR

- MADE TO COMPLY WITH ARTICLE 250.52(7) OF THE NATIONAL ELECTRICAL CODE.



Part #	Ground Plate	Thickness	Wire AWG	Wire Feet
182199IC	4" x 96"	0.060"	6	25
182201IC	4" x 36"	Minimum	10	10

## UL<sup>®</sup> LISTED COPPER-CLAD GROUND RODS

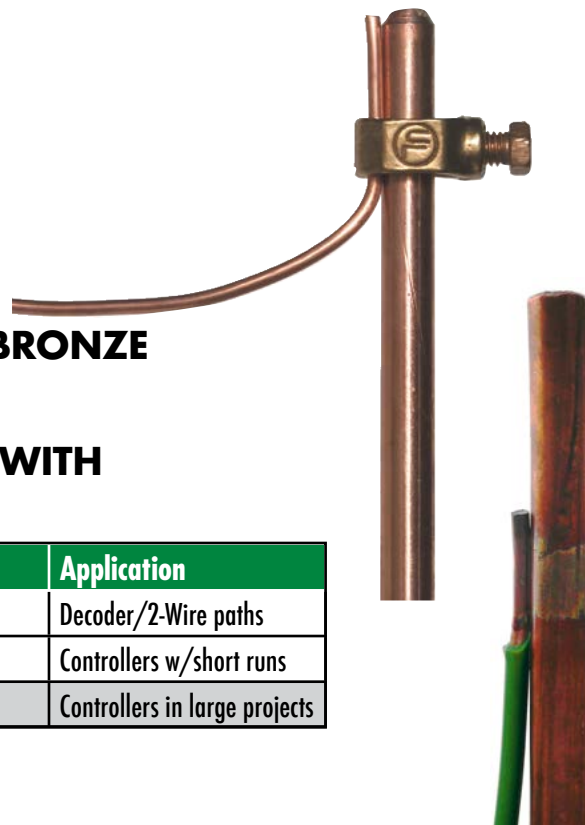
Part #	Description
182000	5/8" x 8'
182007	5/8" x 10'

## UL<sup>®</sup> LISTED GROUND ROD CLAMPS, CAST BRONZE

For 5/8" Diameter ground rods. Paige part number 182005

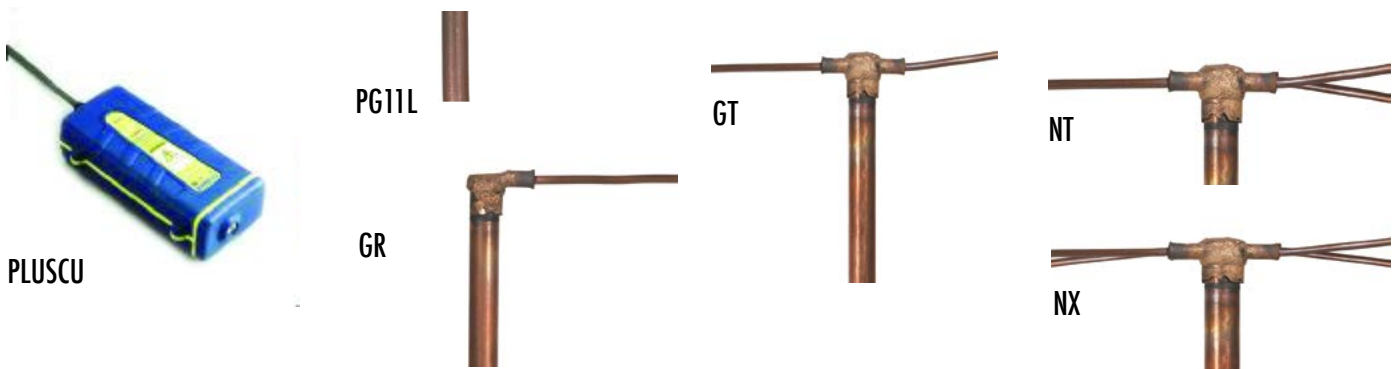
## UL<sup>®</sup> LISTED COPPER-CLAD GROUND RODS WITH WELDED INSULATED CONDUCTOR

Part #	Ground Rod	Wire AWG	Wire Feet	Application
182000IC10	5/8" x 8'	10	15	Decoder/2-Wire paths
182000IC6	5/8" x 8'	6	15	Controllers w/short runs
182007IC6	5/8" x 10'	6	25	Controllers in large projects



## CADWELD PLUS "ONE-SHOT"

- Permanently welds multiple bare copper wires together or bare copper wire to 5/8" diameter ground rods, so the connection doesn't loosen or corrode
- UL® listed. Exothermic reaction welding process meets National Electrical Code® requirements



CADWELD CONNECTIONS			
Wire Sizes (AWG)	No. of Connections	Cadweld Part No.	Paige Part No.
6 & 8	1	GR1161GPLUS	1820037P
6 & 8	2	GT1161GPLUS	1820039P
6 & 8	3	NT1161GPLUS	1820038P
6 & 8	4	NX1161GPLUS	1820060P
4	1	GR1161LPLUS	1820043P
4	2	GT1161LPLUS	1820053P
4	3	NT1161LPLUS	1820054P
4	4	NX1161LPLUS	1820061P
6 & 8	4	PG11LPLUS	1820074P
PLUSCU Battery Control Unit			1820040CU

## GROUND ENHANCEMENT MATERIALS/EARTH CONTACT BACKFILLS

- Superior conductive material that improves the effectiveness of ground rods/plates.
- It permanently reduces resistance-to-ground, regardless of soil conditions.
- Ideal for use in dry conditions, rocky ground and sandy soils.
- 50 pound bags
- PowerSet™ hardens when wetted and can be used in any application. Paige part number 1820058.
- PowerFill™ is non-hardening and must be used in non-porous soils. Paige part number 1820059.
- Non-flammable. Safe to use while igniting CADWELDS and in storage

