



# Tree Equipment



**#22 - Copper Cable.** 14 Strands of 17 gauge smooth twist conductor cable. 1/4" dia. miniature no. 6 size. Wt. 90 lbs. per 1,000 feet.

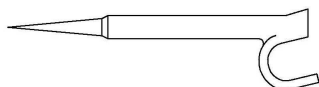


**#32S- Copper Cable.** 32 strands of 17 gauge smooth twist conductor cable. 15/32" dia. standard no. 2 size. Wt. 215 lbs. per 1,000 feet.



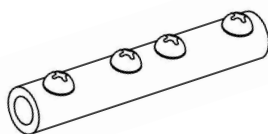
**#M194 BT - Blunt Tip Air Terminal Point** for standard #32S conductor cable. Wt. .20 lb. ea.

**#M195 BT - Blunt Tip Air Terminal Point** for miniature #22 conductor cable. Wt. .12 lb. ea.

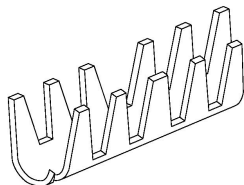


**#190 - Tree Drive Fastener** for standard #32S conductor cable. Wt. .10 lb. ea.

**#190A - Tree Drive Fastener** for miniature #22 conductor cable. Wt. .08 lb. ea.



**#M3X - Straight Splicer** for miniature #22 conductor cable. Wt. .10 lb. ea.



**#33L- End to End Straight Splicer** made of pressed copper. 3 3/4 in length for standard #32S cable. Wt. .10 lb. ea.

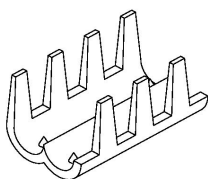


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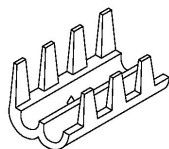
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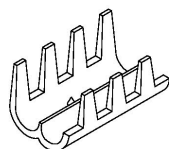
## Tree Equipment



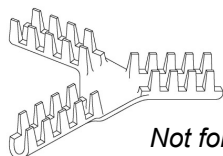
**#193A - Side by Side Splicer** made of cast copper/bronze for two standard #32S cables. 2" in length. Wt. .22 lb. ea.



**#193X22 - Side by Side Splicer** made of cast copper/bronze for two miniature #22 cables. Wt. .06 lb. ea.



**#193X - Side by Side Splicer** made of cast copper/bronze for one standard #32S cable and one miniature #22 cable or for two miniature #22 cables. Wt. .06 lb. ea.



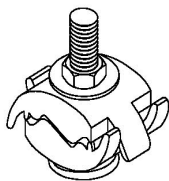
*Not for use  
with #22 Cable*

**#198 - Fork Type Ground Connector.** "Y" type connector is made of cast copper/bronze and is compatible with #32S cable. Wt. .38 lb. ea.

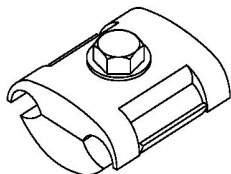


**#297 - Secondary 1/2" Multi-Purpose Clamp**

Cast bronze crimp splicer 3/4" length. For one primary and one secondary cable. Wt. .22 lbs. each.



**#25G - Bronze Small 1" All Purpose Connector** with bolt, nut and washer for connecting two cables through 1/2" dia. Adjusts to various size cables. Wt. .28 lb. ea.



**#297A - Bronze Large Many Purpose Clamp** heavy duty, for clamping two standard cables through 1/2" and/or 1/2" and 5/8" rods. 2" long. Wt. .38 lb. ea.

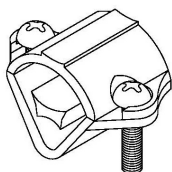


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# Tree Equipment

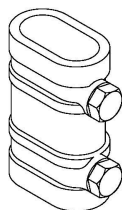


**#306 - Bronze Perfection Pipe Clamp.** Clamp type cable fastener, fits all standard cables through 2/0 and provides 1 1/2" contact with water pipes, rods television masts, etc. Fits 1/2", 3/4" and 1" iron water pipes, also 1/4", 1/2", 5/8", 3/4" and 1" copper water pipes. Wt. .48 lb. ea.

**#306X - Bronze Medium Perfection Pipe Clamp**, similar to above clamp, Fits 1 1/4" and 1 1/2" iron water pipes. (Max 2" O.D.). Wt. .82 lb. ea.



**#306A - Bronze Large Perfection Pipe Clamp** with clamp type cable fastener that swivels 360°. Fits 1 1/2" and 2" iron water pipes. (Max. 2 1/2" O.D.). Lower casting may be inverted to fit smaller diameter pipes and rods. Tinned to prevent corrosion. Wt. 1.04 lb. ea.



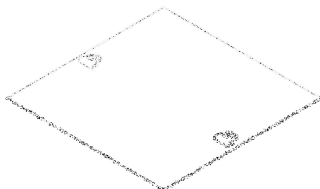
**#50A - Standard Ground Rod Clamp** made of copper bronze 1/2" clamp. Fits standard cable through 2/0. Wt. .24 lb. ea.

**#51A - Standard Ground Rod Clamp** made of copper bronze 5/8" clamp. Fits standard cable through 2/0. Wt. .30 lb. ea.



**#137 - Ground Rod** 1/2" x 8' copper clad ground rod. Wt. 6.30 lb. ea.

**#139 - Ground Rod** 5/8" x 8' copper clad ground rod. Wt. 6.68 lb. ea.



**#589 - Copper Sheet Ground Plate** made of 20 gauge copper sheet stock. 18" x 18". Wt. 3.125 lb. ea.



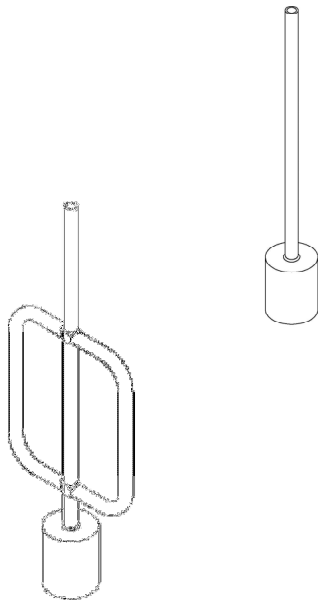
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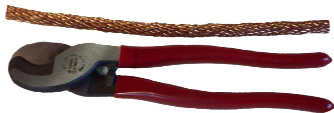
# Tools & Testing Equipment



**#354 - Collapsible Cable Stand.** Our stand is made entirely of steel but still is light, sturdy and durable. The stand is a big aid for small and large jobs as cable is unwound from the spool. The stand will work with all cable sizes. The weight of the stand is approximately 9 lbs.



**#365 - Ground Rod Driver.** Cost effective driver designed for as a safer method over sledge hammer for driving ground rods. Handle is a hollow pipe and slides up and down the rod. Driver is approximately 25" in length and weighs approximately 19 lbs.



**#357 - Cable Cutters.** Cable cutter especially for copper and aluminum cables. Cutters are approximately 9" in length.



**Extech 382252 - Ground Resistance Tester.** Tester is used for measuring the resistance of ground rod electrode. Tester provides user with a three point fall of potential ground resistance field test for projects where a reading is required. Unit is battery powered, compact and comes with a convenient carrying case. Complete instructions are provided by the unit's manufacturer.



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## WHOLESALE PRICE LIST FOR TREE EQUIPMENT

**NOTE: Parts highlighted below are basic materials used in ANSI A300 installation.**

### COPPER CONDUCTOR CABLE

32S	32 Strand x 17 ga. Smooth Twist Copper Std. Tree Conductor (250' spools)	Ft.	\$ 2.27	
32S	32 Strand x 17 ga. Smooth Twist Copper Std. Tree Conductor (500' spools)	Ft.	\$ 2.21	
22	14 Strand x 17ga. Miniature Tree Conductor (500' spools)	Ft.	\$ 1.06	ANSI

#### Cut Length Charges:

**32S - \$.06 per foot other than 250' or 500' Spools, 22 \$.06 per foot under 100'**

### POINTS

M194 BT	Blunt Tip Tree Point for Standard Conductor for Main Trunk	Ea.	\$ 11.50	
M195 BT	Blunt Tip Tree Point for Miniature Conductor for Branches	Ea.	\$ 8.00	ANSI

### CONDUCTOR ATTACHMENTS

190	Drive Fastener for Standard Conductor	Ea.	\$ 3.35	
190A	Drive Fastener for Miniature Conductor	Ea.	\$ 3.30	ANSI
143	4d Copper Nails - 1 1/2" long (157 per lb.)	Lb.	\$ 22.50	(\$ .17 Ea.)

### SPLICERS AND CONNECTORS

193X	Parallel Finger Type for Standard to Miniature Conductor Cable	Ea.	\$ 3.50	
193X22	Parallel Finger Type for Two Miniature Conductor Cable	Ea.	\$ 3.90	ANSI
193A	Parallel Finger Type for Standard to Standard Conductor Cable	Ea.	\$ 3.65	
33L	Standard Straight Splicer for Standard Conductor Cable (End to End)	Ea.	\$ 3.20	
M3X	Miniature Straight Splicer for Miniature Conductor Conductor (End to End)	Ea.	\$ 6.00	ANSI
198	Fork Type Ground Connector for Standard Copper (ONLY FOR 32S, NOT 22)	Ea.	\$ 12.15	
25G	Small 1" Many-Purpose Clamp (Brace to mini-cable or two mini-cables)	Ea.	\$ 7.50	ANSI
297A	Large Many-Purpose Clamp (Rod to Std. Cable or two std. Cables)	Ea.	\$ 10.00	ANSI

### GROUNDING EQUIPMENT

50A	Cable to 1/2" Ground Rod Clamp (replaced #50)	Ea.	\$ 13.50	ANSI
51A	Cable to 5/8" Ground Rod Clamp (replaces #51)	Ea.	\$ 13.50	ANSI
119	Standard Cable & Ground Rod Cross Run Clamp (for multiple grounds)	Ea.	\$ 15.70	
306	Perfection Pipe Clamp for 1" Maximum IPS Pipe	Ea.	\$ 21.50	ANSI
306X	Medium Perfection Pipe Clamp for 1 1/2" Maximum IPS Pipe	Ea.	\$ 28.00	ANSI
306A	Large Pipe Clamp for 2 1/2" OD Pipe	Ea.	\$ 42.00	ANSI
137	1/2" x 8' Copperweld Ground Rod	NET	Ea.	\$ 11.50
139	5/8" x 8' Copperweld Ground Rod	NET	Ea.	\$ 14.00
141CC	1/2" Compression Coupler for Ground Rods		Ea.	\$ 16.00
589	18" X 18" Copper Ground Plate		Ea.	\$ 62.00

### TOOLS

354	Collapsible Cable Stand	\$ 57.00	Ohms Tester - Extech Model 382252	\$315.00
365	Ground Rod Driver	\$ 70.00	357 Cable Cutters	\$38.00
365DH	Dual Handle Ground Rod Driver	\$ 125.00		

**Note: Ground Rod Items and Tools are priced NET and not subject to discount.**

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. OPEN CREDIT TERMS ARE 2% 15 DAYS/NET 30 WITH APPROVED REFERENCES. 2% DISCOUNT IS NOT APPLICABLE TO CREDIT CARD PAYMENTS.

Prices Effective 4-15-2019



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### Estimate for Tree Lightning Protection System

By providing the information below, IPC will supply a written estimate for the necessary material for the tree in question. You may call, email or fax the required information. Feel free to email without using the form as long as the necessary information is received.

- Species of tree \_\_\_\_\_
- Overall height in feet \_\_\_\_\_
- Overall canopy, spread or drip line in feet \_\_\_\_\_
- Distance from grade where major branching begins \_\_\_\_\_
- Diameter at Breast Height (DBH) of trunk in inches \_\_\_\_\_
- Number of bracing cables or guy wires (Only Steel/Metallic) \_\_\_\_\_
- Additional Bonding Requirements:
  - If a tree is within 25' of a structure that has a lps installed, the tree lps is to be bonded into the structural system.
  - If the tree is within 25' of a metallic pipe, i.e. water, natural gas, etc., the tree lps is to be bonded into the metallic object. Bonding is not necessary for PVC piping.

IPC has water pipe and multi-purpose clamps available for bonding applications. See our equipment list for specifications and details.

If you require any additional information on tree protection, or if technical or design assistance is required, don't hesitate to contact us.

