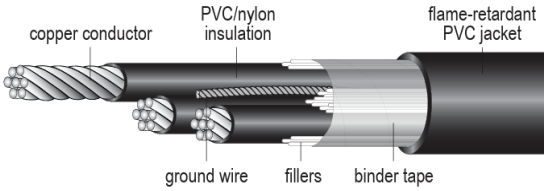
# TRAY CABLE - POWER CABLE

## 600 Volt UL Type TC-ER*
## THHN or THWN-2 Insulation
## PVC Jacket
## Copper Conductors




| SKU Part # | HWC Part # | Size AWG | # of Cond. | # of Strands | Insulation Thickness Mils | Nylon Jacket Thickness Mils | Ground Wire Size AWG | Overall Jacket Thickness Mils | Overall Diameter Inches | Net Weight Lbs/Mft |
|---|---|---|---|---|---|---|---|---|---|---|
| A31403 | HW154 01403 | 14 | 3 | 7 | 15 | 4 | 14 | 45 | 0.36 | 91 |
| A31203 | HW154 01203 | 12 | 3 | 7 | 15 | 4 | 12 | 45 | 0.41 | 126 |
| A31003 | HW154 01003 | 10 | 3 | 7 | 20 | 4 | 10 | 45 | 0.46 | 191 |
| A30803 | HW154 00803 | 8 | 3 | 7 | 30 | 5 | 10 | 60 | 0.58 | 220 |
| A30804 | HW154 00804 | 8 | 4 | 7 | 30 | 5 | 10 | 60 | 0.61 | 286 |
| A30603 | HW154 00603 | 6 | 3 | 7 | 30 | 5 | 8 | 60 | 0.69 | 386 |
| A30604 | HW154 00604 | 6 | 4 | 7 | 30 | 5 | 8 | 60 | 0.76 | 505 |
| A30403 | HW154 00403 | 4 | 3 | 7 | 40 | 5 | 8 | 60 | 0.89 | 630 |
| A30404 | HW154 00404 | 4 | 4 | 7 | 40 | 6 | 8 | 80 | 0.97 | 828 |
| A30303 | HW154 00303 | 3 | 3 | 7 | 40 | 6 | 6 | 80 | 0.92 | 784 |
| A30203 | HW154 00203 | 2 | 3 | 7 | 40 | 6 | 6 | 80 | 1.03 | 930 |
| A30204 | HW154 00204 | 2 | 4 | 7 | 40 | 6 | 6 | 80 | 1.13 | 1213 |
| A30103 | HW154 00103 | 1 | 3 | 19 | 50 | 7 | 6 | 80 | 1.15 | 1252 |

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of OmniCable is indicative only and shall not be binding on OmniCable or be treated as constituting a representation on the part of OmniCable.
* Ampacities shown are for general use as specified by the National Electrical Code, Article 310.15

### APPLICATION:
General purpose cable for use in primary power and feeder circuits in a broad range of commercial and industrial applications. Approved for installation indoors or outdoors, aerially, in conduits, ducts, cable trays or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 hazardous locations. UL approved for use in continuous operation at 90°C in wet and dry locations, 105°C for emergency overload conditions, and 150°C for short circuit conditions.

### CONDUCTORS:
Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

### INSULATION:
Flame-retardant PVC per UL Standard 83 for Type THHN or THWN wire

### INSULATION JACKET:
Clear nylon per UL Standard 83 for Type THHN or THWN wire

### GROUNDING CONDUCTOR:
Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1277

### JACKET:
Sunlight-resistant PVC per UL Standard 1277

### FLAME TESTS:
- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA (210,000 BTU/hr) Flame Test

### COLOR CODE:
8 AWG and larger: ICEA Method 4
14 AWG – 10 AWG: ICEA Method 1

### ADDITIONAL STANDARDS:
- UL Type TC per Article 336 of the NEC
- UL Type TC-ER Rated for Exposed Run

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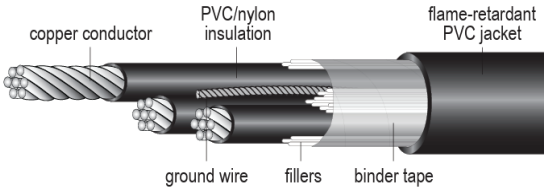


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|---|---|---|---|---|---|---|---|---|---|---|
| A31/003 | HW154 10103 | 1/0 | 3 | 19 | 50 | 7 | 6 | 80 | 1.22 | 1423 |
| A31/004 | HW154 10104 | 1/0 | 4 | 19 | 50 | 7 | 6 | 80 | 1.34 | 1832 |
| A32/003 | HW154 20103 | 2/0 | 3 | 19 | 50 | 7 | 6 | 80 | 1.32 | 1718 |
| A32/004 | HW154 20104 | 2/0 | 4 | 19 | 50 | 7 | 6 | 80 | 1.45 | 2223 |
| A33/003 | HW154 30103 | 3/0 | 3 | 19 | 50 | 7 | 4 | 80 | 1.42 | 2131 |
| A33/004 | HW154 30104 | 3/0 | 4 | 19 | 50 | 7 | 4 | 80 | 1.58 | 2756 |
| A34/003 | HW154 40103 | 4/0 | 3 | 19 | 50 | 7 | 4 | 80 | 1.54 | 2592 |
| A34/004 | HW154 40104 | 4/0 | 4 | 19 | 50 | 7 | 4 | 80 | 1.77 | 3457 |
| A325003 | HW154 25003 | 250 | 3 | 37 | 60 | 8 | 3 | 110 | 1.75 | 3123 |
| A325004 | HW154 25004 | 250 | 4 | 37 | 60 | 8 | 3 | 110 | 1.94 | 4046 |
| A335003 | HW154 35003 | 350 | 3 | 37 | 60 | 8 | 3 | 110 | 1.97 | 4204 |
| A335004 | HW154 35004 | 350 | 4 | 37 | 60 | 8 | 3 | 110 | 2.18 | 5469 |
| A350003 | HW154 50003 | 500 | 3 | 37 | 60 | 8 | 2 | 110 | 2.26 | 5792 |
| A350004 | HW154 50004 | 500 | 4 | 37 | 60 | 8 | 2 | 110 | 2.49 | 7556 |
| A375003 | HW154 75003 | 750 | 3 | 37 | 60 | 8 | 1 | 110 | 2.82 | 9060 |

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### COLOR CODE:
ICEA Method 4

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- UL Type TC-ER Rated for Exposed Run